



- Q. Which 4-H project could be defined as learning how to influence people to make some kind of change? 4HP  
A. Leadership
- Q. What two organizations served as the forerunners of 4-H in Tennessee? 4HH  
A. The Tomato (girls) and Corn Clubs (boys)
- Q. Any person, other than an agent, who works with 4-H members in any capacity is called a what? 4HL  
A. A 4-H Volunteer Leader
- Q. What person wrote the 4-H motto? 4HH  
A. Carrie Harrison
- Q. What is the title of the person who officially heads up the 4-H program in Tennessee? 4HL  
A. State 4-H Director
- Q. Which 4-H project is generally considered to be the first one organized in Tennessee? 4HP  
A. Food Preservation (in 1912) (now part Food Science project)
- Q. 4-H members pledge their health to what? 4HS  
A. Better Living
- Q. This is the smallest 4-H project, although this fact may "bug" some people. 4HP  
A. Entomology
- Q. What current 4-H event was named Tennessee 4-H Club Short Course in 1939? 4HH  
A. Tennessee 4-H Roundup
- Q. What is the name of the official Tennessee 4-H History? 4HS  
A. 4-H: A Tennessee Tradition
- Q. When leading the 4-H Pledge and the Pledge of Allegiance, which pledge should be led first? 4HS  
A. The Pledge of Allegiance
- Q. What is the traditional date of National 4-H Week? 4HS  
A. The first full week in October
- Q. The 4-H emblem was adopted in what year? 4HS  
A. 1927
- Q. In what Tennessee city does State 4-H Electric Camp take place? 4HA  
A. Knoxville
- Q. What is the newest 4-H project? 4HP  
A. Computers and Technology
- Q. The 4-H Clover Bowl was held for the first time in what county? 4HH  
A. Wilson County (1994)



- Q. What is the 4-H Motto? 4HS  
A. To Make the Best Better!
- Q. Who served the longest as State 4-H Leader in Tennessee? 4HH  
A. G.L. Herrington
- Q. Who wrote the 4-H Pledge? 4HH  
A. Otis Hall (from Kansas)
- Q. 4-H members in Tennessee are in a sense students at what University? 4HH  
A. The University of Tennessee
- Q. What was the official name of the POW Camp, now known as Clyde M York 4-H Center? 4HH  
A. "Camp Crossville"
- Q. What Federal Law provided the funding for the 4-H program in the United States? 4HH  
A. The Smith-Lever Act (of 1914)
- Q. In what state was the 4-H All-Star program first organized? 4HH  
A. West Virginia
- Q. Name the two Universities are most closely associated with the Tennessee 4-H program? 4HH  
A. University of Tennessee and Tennessee State University
- Q. In what unique way did German POW's decorate what is now the Clyde M. York 4-H Center in Crossville? 4HH  
A. They painted murals on the walls of the Rec Hall (The murals were scenes from their homeland.)
- Q. What did Tennessee 4-H members wear to National Congress for the first time in 1947? 4HH  
A. The white sweaters with the Vol State emblem.
- Q. Compare and Contrast how the original payment for 4-H camp differed from today's? 4HH  
A. 4-H members paid in produce, such as a bushel of corn, etc.
- Q. What Nashville weather man was a 4-H member from Dyer County, and emceed the State 4-H History Bowl? 4HH  
A. Lelan Statom (Channel 5) (Pronounced LEE-LUN STATE-UM)
- Q. What current 4-H event was originally named State Club Camp in 1923? 4HH  
A. Tennessee 4-H Roundup
- Q. What was the first state-wide 4-H event in Tennessee? 4HH  
A. State 4-H Roundup (started in 1923 originally called "State Club Camp")
- Q. What is the highest elected office that a 4-H member can obtain in Tennessee 4-H? 4HL  
A. State 4-H Council President (Elected at State 4-H Round-Up)
- Q. What is the name of the inspirational ceremony which takes place at camp right about sundown? 4HA  
A. Flag Retreat



- Q. What is the name of the inspirational ceremony which takes place at 4-H camp right after sunrise?  
A. Flag Raising 4HA
- Q. How many judging teams are offered in Tennessee 4-H?  
A. 13 4HC
- Q. What 4-H symbol is copyrighted?  
A. The 4-H Clover 4HS
- Q. How many projects are offered to Tennessee 4-H members?  
A. 26 4HP
- Q. What is the most popular 4-H Animal Science project?  
A. Horse 4HP
- Q. Becoming a better more responsible citizen is taught in which 4-H project?  
A. Citizenship 4HP
- Q. Former 4-H members, who are students at Tennessee Tech, MTSU and the University of Tennessee, can still take part in 4-H activities through what organization?  
A. Collegiate 4-H 4HL
- Q. What does TAE4-HW mean?  
A. The Tennessee Association of Extension 4-H Workers 4HL
- Q. What is the name of the building on the UT campus in which the State 4-H Office is located?  
A. Morgan Hall 4HL
- Q. What is the name of the collective group of officers installed at State 4-H Roundup?  
A. The State 4-H Council 4HL
- Q. What is another term for a written record of the 4-H club meeting?  
A. The Minutes 4HL
- Q. How many adults served as 4-H Volunteers each year in Tennessee?  
A. About 15,000 (If they guess a number, it needs to be between 14,000 and 16,000.) 4HL
- Q. Service learning is part of what 4-H project?  
A. Citizenship 4HP
- Q. What award, given at State Round-Up, is the highest level of recognition a 4-H member in Tennessee can receive?  
A. The Vol State Award 4HL
- Q. What are the 4-H colors?  
A. Green and White 4HS
- Q. What is the 4-H Emblem?  
A. A Four-Leaf Clover 4HS



- Q. 4-H members pledge their hands to what? 4HS  
A. Larger Service
- Q. 4-H members pledge their hearts to what? 4HS  
A. Greater Loyalty
- Q. In which pledge would you face the group not the flag? 4HS  
A. The 4-H Pledge
- Q. In which 4-H project would you work with younger 4-H members, and learn more about parliamentary procedure? 4HP  
A. Leadership
- Q. What is the 4-H slogan? 4HS  
A. Learn by Doing
- Q. At what grade in school can 4-H Honor Club members become All Stars? 4HL  
A. Current 9th Grade Members
- Q. What are the 4 "H's"? 4HS  
A. Head, Heart, Hands, and Health
- Q. Which 4-H officer's main duty is to get someone to do parts of the program? 4HL  
A. The Vice-President
- Q. Which 4-H officer has the duty of checking the roll? 4HL  
A. The Secretary (although this is often done silently)
- Q. What is another word used to dismiss a 4-H club meeting? 4HL  
A. Adjourn (UH JURN)
- Q. What happens if there are no corrections to the minutes? 4HL  
A. They "stand approved as read"
- Q. Adults, teens, and volunteers are examples of what group of people who help agents conduct the 4-H program? 4HL  
A. Leaders
- Q. State 4-H Round-Up is held at two different locations in Tennessee. Name these locations. 4HH  
A. UT Knoxville and UT Martin
- Q. A demonstration should last how long? 4HC  
A. Three to Five Minutes
- Q. Which 4-H officer is in charge of arranging the room for the meeting? 4HL  
A. The Vice-President
- Q. What was the original use of the 4-H camp at Crossville? 4HH  
A. World War II Prisoner of War Camp



- Q. According to 4-H legend, who stalks around Clyde M York 4-H Center at night looking for his lost leg? 4HH  
A. The mythical German POW "Herman the German"
- Q. What is the official name of the 4-H shooting sports program? 4HC  
A. Target SMART
- Q. A 4-H Art Poster must be orientented in what direction? 4HC  
A. Horizontal or Landscaped
- Q. What form must a 4-H Agent or volunteer leader have before a 4-H'er can attend an event? 4HE  
A. The 600A Form or the Angel Form
- Q. The Southern Region 4-H Teen Leadership Conference is better known by what acronym? 4HA  
A. S-R-T-L-C
- Q. In which 4-H contest would you make a "mini 4-H billboard?" 4HC  
A. The 4-H Poster Contest
- Q. How long does a person have to answer a Clover Bowl question after "buzzing in?" 4HC  
A. 10 seconds
- Q. What is the correct size for a 4-H poster? 4HC  
A. 14 by 22 inches
- Q. Where does the Southern Regional Teen Leadership Conference take place? 4HA  
A. Clyde M. York 4-H Center in Crossville
- Q. In which 4-H contest would you actually show someone how to do something? 4HC  
A. Demonstrations
- Q. Where does Tennessee 4-H Congress take place? 4HA  
A. Nashville
- Q. What UT sports legend and Basketball Hall of Fame member was a 4-H member in Tennessee? 4HH  
A. Pat Head Summitt, Coach of the Lady Vols Basketball Team
- Q. An extemperaneous speech should last no more than how many minutes? (Pronounced X-TEMP-POUR-RAIN-EE-US) 4HC  
A. 2 minutes
- Q. Which war helped to initiate the 4-H club program? 4HH  
A. World War I
- Q. What is the award given the 4-H family who has shown "exceptional participation in all phases of 4-H club work?" 4HH  
A. The Hale Master 4-H Family



- Q. What Tennessee symbol was placed at the National 4-H Center in Washington, by Tennessee 4-H'ers in 1970? 4HH  
A. A Tulip Poplar Tree Was Planted
- Q. How were Tennessee 4-H'ers honored for their contribution to the World War II war effort? 4HH  
A. They got to name a ship (S.S. Charles A. Keffer)
- Q. What did Tennessee 4-H do to celebrate Homecoming '86? 4HH  
A. Compiled a History on Tennessee 4-H - "4-H a Tennessee Tradition"
- Q. What 4-H activity deals with the learning of decision making skills? 4HC  
A. Judging Teams
- Q. Which 4-H officer's main duty is the writing of the minutes? 4HL  
A. The Secretary
- Q. 4-H is required to be mentioned in a speech in which age levels? 4HC  
A. Only Senior High
- Q. In which 4-H contest would you try to inform, entertain or persuade? 4HC  
A. Public Speaking
- Q. What is the purpose of the 4-H Clover Bowl in Tennessee? 4HC  
A. To acquaint 4-H members with themselves and their surrounding.
- Q. What are oral reasons? 4HC  
A. A verbal or spoken justification of why you placed a JUDGING class a certain way
- Q. The State 4-H Horse show is held each year in what Tennessee city? 4HC  
A. Shelbyville
- Q. What is the most common way to earn a trip to National 4-H Congress? 4HA  
A. Be a state winner in a 4-H project
- Q. The 4-H program in Tennessee is organized and maintained by what two educational institutions? 4HH  
A. The University of Tennessee and Tennessee State University
- Q. At the 1970 Tennessee 4-H Congress, each county delegation brought something from their county. What was it? 4HH  
A. A soil sample (the samples were sent to help nourish the Tennessee State tree planted at the National 4-H Center)
- Q. At which state event do members wear green 4-H sweaters as part of their official dress? 4HA  
A. Tennessee 4-H Congress
- Q. What is the name of the 4-H All-Star officer who serves as the secretary? 4HL  
A. The Scribe



- Q. What 4-H organization was formed in 1953 to raise funds for 4-H in Tennessee? 4HH  
A. The Tennessee 4-H Foundation
- Q. What is the name of the state-wide leadership organization designed for Sr. High 4-H'ers? 4HL  
A. 4-H All-Stars
- Q. How many 4-H regions are there in Tennessee? 4HL  
A. Three
- Q. Which 4-H officer's main duty is to preside over the meetings? 4HL  
A. The President
- Q. Which 4-H officer presides in the President's absence? 4HL  
A. The Vice-President
- Q. At what 4-H event is the 4-H Governor elected? 4HL  
A. Tennessee 4-H Congress
- Q. What is the first order of business in any 4-H meeting? 4HL  
A. The President Calls the Meeting to Order.
- Q. Where did southern Middle Tennessee counties attend 4-H camp before moving to Crossville in 1960? 4HH  
A. Camp Woodlee (near McMinnville)
- Q. What is the name of the leadership organization designed for 7th and 8th grade 4-H'ers? 4HL  
A. 4-H Honor Club
- Q. At which State 4-H event do 4-H members act as representatives and senators? 4HA  
A. Tennessee 4-H Congress
- Q. The Clyde Austin 4-H Center is located in what Tennessee town? 4HA  
A. Greeneville
- Q. The Clyde M. York 4-H Center is located in what Tennessee town? 4HA  
A. Crossville
- Q. What is the name of the organization that administers the 4-H program in Tennessee? 4HH  
A. UT Extension (University of Tennessee Extension)
- Q. In how many 4-H contests must you participate in order to be eligible for Junior 4-H camp? 4HE  
A. None
- Q. What is the title of a person employed by the University of Tennessee to conduct the 4-H program? 4HH  
A. A 4-H agent
- Q. Who is considered to be the first 4-H member in Tennessee? 4HH  
A. Mertie Hardin



- Q. Junior 4-H members are in what grade? 4HE  
A. 5th
- Q. What is the reference date used in 4-H for grade? 4HE  
A. Jan. 1st of current year
- Q. In what year did the 4-H Camp at Crossville open? 4HH  
A. 1950
- Q. In what city is the National 4-H Center located? 4HA  
A. Washington, D.C. (Chevy Chase, Maryland)
- Q. 4-H is open to young people of what age range? 4HE  
A. Ages 9 to 19
- Q. State Academic Conference is open to 4-H members of what age group? 4HA  
A. Junior High (6th, 7th, & 8th Grades)
- Q. 4-H is open to young people of what school grades? 4HE  
A. 4th through 12th Grades
- Q. What does it cost to join 4-H in Tennessee? 4HE  
A. Absolutely nothing!
- Q. In what grade is 4-H first offered? 4HE  
A. 4th Grade
- Q. What is the term for a 4th grade 4-H member? 4HE  
A. Explorer (4-H'er)
- Q. What were 4-H Agents originally referred to in Tennessee? 4HH  
A. Demonstration Agents
- Q. What does the term "extemporaneous" mean as it relates to 4-H? (Pronounced X-TEMP-POUR-RAIN-EE-US) 4HC  
A. An unprepared speech (Senior members do this in addition to a prepared speech)
- Q. What is the Tennessee 4-H website address? 4HE  
A. [www.utextension.utk.edu/4h](http://www.utextension.utk.edu/4h)
- Q. In the 4-H Target SMART program, what does the acronym "SMART" stand for? 4HA  
A. Shotgun, Muzzleloader, Archery and Rifle Training
- Q. Which 4-H symbol by law cannot be covered in any way by text or graphics when printed? 4HS  
A. The 4-H Clover
- Q. Name the 4-H Center located in Columbia. 4HA  
A. William P Ridley 4-H Center





- Q. What is the name of the medal presented in Tennessee to State 4-H winners?  
A. The Leula Lee (pronounced EYE-OOO-LA) 4HS
- Q. Target SMART is held at which 4-H Center?  
A. William Ridley (Columbia) 4HA
- Q. Which 4-H group actually has adopted a fifth "H"?  
A. The 4-H Honor Club (The "H" of course stands for Honor) 4HS
- Q. The 4-H Pledge was adopted in what year?  
A. 1927 4HS
- Q. At what 4-H event would you see the changing of the guard of the Unknown Soldier?  
A. Citizenship Washington Focus 4HA
- Q. What is the name of the inspirational part of the 4-H club meeting?  
A. Thought for the Day 4HS
- Q. At what senior 4-H event would you take a college tour?  
A. State 4-H Roundup 4HA
- Q. The "Tradition of the Gavel" refers to the gavel constructed by Don Bowman containing a piece of cherry wood from what original courthouse?  
A. Washington County (the oldest county in Tennessee) 4HS
- Q. Don Bowman made what in 1948, which is handed down each year to the state 4-H Council President?  
A. The Gavel 4HS
- Q. What is the All Star motto?  
A. Service 4HS
- Q. 4-H members pledge their heads to what?  
A. Clearer Thinking 4HS
- Q. State 4-H winners in Leadership, Citizenship, and Public Speaking are crowned at what 4-H event?  
A. Tennessee 4-H Congress 4HA
- Q. What 4-H event traditionally takes place right after Thanksgiving?  
A. National 4-H Congress 4HA
- Q. What phrase was not part of the original 4-H pledge?  
A. "and my world" 4HS
- Q. At what 4-H event might members go shopping at the mall and participate in a fashion show?  
A. 4-H Fashion & Design Conference 4HA
- Q. 4-H members celebrate what product each June?  
A. Milk or Dairy Products (as part of June Dairy Month) 4HA



- Q. Citizenship Focus, a national 4-H event dealing with government, takes place in what city? 4HA  
A. Washington, D.C.
- Q. What is the name of the inspirational ceremony held at the end of each day at 4-H camp? 4HA  
A. Vespers
- Q. Name the group of teens who promote 4-H by singing and dancing....performing most notably at Tennessee 4-H Congress. 4HA  
A. The Tennessee 4-H Performing Arts Troupe
- Q. Where has National 4-H Congress been held since 1997? 4HA  
A. Atlanta, Georgia
- Q. At what state 4-H event, do 4-H members participate in “Know Your Government” activities? 4HA  
A. Tennessee 4-H Congress
- Q. The White House, Monticello, and Mount Vernon are visited during which 4-H event? 4HA  
A. Citizenship Washington Focus
- Q. During what time of the year does Tennessee 4-H Congress take place? 4HA  
A. Spring



- Q. Interspersion (pronounced EN-TER-SPUR-ZHUN) is necessary for many small animals such as quail and rabbit. What is interspersion? T1.6-8c  
A. Mixing of food and cover
- Q. What are Rat-L-Traps, Jitterbugs, and Rooster Tails? T1.6-8c  
A. Artificial fish baits
- Q. How many frost-free days are required to grow cotton? T1.6-8c  
A. 200
- Q. The average rainfall for Tennessee would be about how many inches per year? T1.6-8c  
A. About 50 inches per year
- Q. What is the natural process by which pond or lake water circulates? T1.6-8c  
A. Turnover
- Q. What is the most popular Christmas tree grown in Tennessee? T1.6-8c  
A. White Pine
- Q. What is the term used to describe the change of plant species on a piece of ground over a period of years? T1.6-8c  
A. Plant Succession
- Q. What does the term forage crop mean? T1.6-8c  
A. A crop providing roughage (Pasture, Hay, and Silage)
- Q. Name my AG Career: I work for the state of Tennessee and I protect and conserve wildlife? T5.3-5b  
A. Wildlife Officer or Game Warden
- Q. A female hatchling chicken is called a what? T2.3-5d  
A. Pullet
- Q. Of the three types of soil, Sand, Silt and Clay, which one is the stickiest? T1.3-5e  
A. Clay
- Q. What is the term used to describe the rapid movement of soil and rock in response to gravity? T1.3-5e  
A. A landslide
- Q. What crop has the most harvested acres in Tennessee? T1.3-5e  
A. Hay
- Q. A cross between a domesticated beef animal and the American Bison is called what? T2.3-5d  
A. Beefalo
- Q. What is the official sport fish of Tennessee? T1.3-5a  
A. Largemouth bass
- Q. What is found in some soils that stop root depth and effect homesite selection? T1.3-5e  
A. Bedrock



- Q. Aquaculture is the science of producing what product? T1.3-5a  
A. Fish
- Q. What is the principle ingredient in the insecticide DiPel or BT? T2.6-8c  
A. Bacteria (an organic pesticide)
- Q. Lady bugs are beneficial insects because they prey on what farm pest? T2.6-8c  
A. Aphids
- Q. What percentage of Nitrogen is contained in a 50 pound bag of 6-12-12 fertilizer? T2.6-8c  
A. Six percent
- Q. Why would you use a fungicide? T2.6-8c  
A. Kill a fungus or blight
- Q. Why would you use a herbicide? T2.6-8c  
A. To kill weeds
- Q. What type of gardening uses no chemical pesticides? T2.6-8c  
A. Organic Gardening
- Q. Why is UT Extension called the Cooperative Extension Service? T5.3-5f  
A. Cooperation between Federal, State, and County governments
- Q. Where does the University of Tennessee test new varieties and farming procedures? T5.3-5f  
A. UT AG Research Centers (would also accept Experiment Stations)
- Q. What is an invasive species? T2.6-8c  
A. An organism not native to an area
- Q. What does the agriculture term TCA stand for? T5.3-5f  
A. Tennessee Cattleman's Association
- Q. In what town is the Tennessee Department of Agriculture located? T5.3-5f  
A. Nashville
- Q. What official heads up the USDA? T5.3-5f  
A. The Secretary of Agriculture
- Q. In what complex is the Tennessee Department of Agriculture located? T5.3-5f  
A. Ellington Agricultural Center in Nashville
- Q. What does it mean for a tree to be tolerant? T1.6-8c  
A. It means it will grow fairly well in shade.
- Q. What is mixed in soil to raise the pH? T2.6-8c  
A. Lime



- Q. What introduced weed is known as the vine that ate the south? T2.6-8c  
A. Kudzu (pronounced CUD ZOO)
- Q. How many state forests does Tennessee have? T1.6-8c  
A. 15
- Q. Who enforces the sale of Tennessee Game and Fishing Licenses? T5.3-5f  
A. TWRA (Tennessee Wildlife Resources Agency)
- Q. Where in Tennessee does the nation's largest population of bald eagles winter? T1.3-5a  
A. Reelfoot Lake
- Q. What does it mean for an animal to be polled? T2.3-5d  
A. No horns
- Q. What state produces the most corn? T5.3-5e  
A. Iowa
- Q. In Tennessee what do the letters TDA stand for? T5.3-5f  
A. Tennessee Department of Agriculture
- Q. What is the art of riding horseback called? T2.3-5d  
A. Horsemanship
- Q. Name my AG Career: I work for UT, but I work with people in a county helping them with all things Agriculture. T5.3-5b  
A. Extension AG Agent
- Q. What is the family of plants containing watermelons, squash, and cucumbers? T1.3-5e  
A. Cucurbits (CUE- CURB- ITS)
- Q. What is another name for grain sorghum? T1.3-5e  
A. Milo
- Q. Name the country where the Clydesdale originated. T2.3-5d  
A. Scotland
- Q. What is the name of the stomach in cows, sheep and goats that is responsible for them being able to eat and live on hay and grasses? T2.3-5d  
A. Rumen
- Q. What farm animal farrows its young? T2.3-5d  
A. Swine or hogs
- Q. Name my AG Career: I specialize in home gardens and flowering plants. T5.3-5b  
A. Horticulturalist
- Q. A wide stripe down the face of a horse would be called a what? T2.3-5d  
A. A Blaze



- Q. What is the term for the natural breaking-down of rocks?  
A. Weathering T1.3-5e
- Q. What does a Hognose Snake do when it is threatened?  
A. Plays dead T1.3-5a
- Q. What fish is generally the goal of a day of fly casting?  
A. Trout T1.3-5a
- Q. What is the official state game bird of Tennessee?  
A. Bobwhite quail T1.3-5a
- Q. What is the term for the soft furry covering on a deer's antlers?  
A. Velvet T1.3-5a
- Q. What abundant resource in Tennessee makes beef cattle production profitable?  
A. Pasture T1.3-5e
- Q. How many times is a dairy cow milked each day?  
A. Two times T2.3-5d
- Q. What is the most popular breed of dairy cattle?  
A. Holstein T2.3-5d
- Q. What is the most common term for a female goat?  
A. Doe T2.3-5d
- Q. What kind of college was formed to study Agriculture, and was funded by the sale of western lands given each state by the federal government?  
A. Land-Grant University T5.3-5f
- Q. What farm animal is most susceptible to pseudorabies (pronounced SUE-DOE-RAY-BEES)?  
A. Swine or Hogs T2.3-5d
- Q. What major crop, grown mainly in Arkansas and Louisiana, is grown in a flooded field?  
A. Rice T5.3-5e
- Q. What is the Tennessee state butterfly?  
A. Zebra Swallowtail T4.6-8f
- Q. Name my AG Career: I design new equipment to be used in farming and agriculture?  
A. AG. Engineer T5.3-5b
- Q. Name my AG Career: I maintain trees and shrubs by trimming and pruning them.  
A. Arborist (R-BOAR-IST) T5.3-5b
- Q. Name my AG Career: I work for USDA and I map soils and interpret their productivity.  
A. Soil Scientist T5.3-5b



- Q. Name my AG Career: I study plants and the numerous ways they can be cultivated and utilized. T5.3-5b  
A. Agronomist
- Q. Name my AG Career: I study better ways to manage fish in ponds, streams and even oceans. T5.3-5b  
A. Fish Biologist
- Q. What is the most valuable tree in Tennessee's forests? T1.6-8c  
A. Black Walnut (Used in furniture making)
- Q. What does TWRA stand for? T5.3-5f  
A. Tennessee Wildlife Resources Agency
- Q. How is the majority of livestock sold in the United States? T2.3-5d  
A. Public Auction
- Q. Tennessee's Institute of Agriculture is an important part of what university? T5.3-5f  
A. The University of Tennessee
- Q. What is the agriculture term for a round bale of hay in a big plastic bag? T4.3-5d  
A. Haylage (Pronounced HAY LIJ)
- Q. What crop do we use to produce margarine? T1.3-5e  
A. Soybeans
- Q. Which state produces the most wheat? T5.3-5e  
A. Kansas (America's breadbasket)
- Q. Which state produces the most hogs? T5.3-5e  
A. Iowa
- Q. Which southern state has the most State Forests? T5.3-5e  
A. Tennessee
- Q. Arabian, Belgian, and Morgan are breeds associated with what species of animal? T2.3-5d  
A. Horses
- Q. What grand division of the state has the most beef cattle? T2.3-5d  
A. Middle
- Q. What is the term used to describe the last possible date a particular area can expect a killing frost? T4.3-5d  
A. Frost free date
- Q. Which state produces the most cotton? T5.3-5e  
A. Texas (The Cotton Bowl!)
- Q. What is meant by a milk deficit state? T5.3-5e  
A. Consume more milk than it produces



- Q. What do the letters USDA mean? T5.3-5f  
A. United States Department of Agriculture
- Q. What farm group not only serves as an insurance agency, but also a nationwide farm lobby? T5.3-5f  
A. Farm Bureau
- Q. Name my AG Career: I shoe horses. T5.3-5b  
A. Farrier
- Q. What pest has attacked and destroyed many acres of pine trees in Tennessee? T4.6-8f  
A. Southern Pine Beetle
- Q. Why do mice constantly gnaw on something? T1.3-5a  
A. Because their teeth never stop growing
- Q. Name the two types of foxes found in Tennessee. T1.3-5a  
A. Red Fox and Gray Fox
- Q. What is the largest rodent found in Tennessee? T1.3-5a  
A. The beaver (also the largest in North America)
- Q. Caterpillars are the larvae for what type of insect? T4.6-8f  
A. Butterflies or Moths (either is correct)
- Q. A plant that sprouts as a single leaf is called? T1.3-5e  
A. Monocot
- Q. What family of insects causes farmers the most economic loss? T4.6-8f  
A. Lepidoptera (moth and butterflies) (pronounced LEP UH DOP TUH RA)
- Q. Name my AG Career: I am a person entrusted with the protection and preserving of a parkland...particularly as it relates to trees? T5.3-5b  
A. Forest Ranger
- Q. What trees have a pome? T1.6-8c  
A. Apple Tree or Pear Tree
- Q. What does organic matter help build in a soil? T1.3-5e  
A. Topsoil
- Q. What are the thick deposits of windblown soil found in West Tennessee called? T1.3-5e  
A. Loess (pronounced L-UH-SSS)
- Q. What noisy insect becomes a pest in the state about every thirteen years? T4.6-8f  
A. Cicada (pronounced sa-k-dah)
- Q. How many pounds of honey does a typical bee hive produce in a year? T4.6-8f  
A. More than 400 lbs





- Q. What is the forest insect which spreads its range by hitchhiking on recreational vehicles?  
A. Gypsy Moth T4.6-8f
- Q. What are the two state insects of Tennessee?  
A. Firefly and the Lady Bug T4.6-8f
- Q. What stinging insect has invaded southern Tennessee recently?  
A. Fire Ant T4.6-8f
- Q. What percentage of Phosphorous is contained in a 50 pound bag of 6-12-12 fertilizer?  
A. 12 percent T2.6-8c
- Q. What Tennessee county is renowned for its orchards and nurseries?  
A. Warren County T3.6-8i
- Q. What soils are a mixture of clay, silt, and sand making them easy to cultivate?  
A. Loams or Loamy Soils T1.3-5e
- Q. What invasive insect which resembles a small June bug, preys on Tennessee's fruit trees?  
A. The Japanese Beetle T4.6-8f
- Q. What is the average life span for a horse?  
A. 25 years T2.3-5d
- Q. What does the animal nutritional term TDN stand for?  
A. Total Digestible Nutrients T4.3-5d
- Q. What part of a horse bridle fits in the horse's mouth?  
A. The bit T4.3-5a
- Q. What part of the dairy cow holds and stores the milk?  
A. Udder T2.3-5d
- Q. In what structure is silage stored?  
A. Silo T4.3-5a
- Q. How much does a bale of cotton weigh?  
A. 480 pounds T4.3-5a
- Q. When Tennessean William Haskell Neal produced Neal's Paymaster corn, what was the new variety's great advantage?  
A. Two ears per stalk as compared to one ear on the old varieties T4.3-5c
- Q. What pigs are bought small and then fed to market weight?  
A. Feeder pig T2.3-5d
- Q. What are the most efficient farm animals in terms of pounds of gain to pounds of feed?  
A. Chickens or Poultry T2.3-5d



- Q. What is the proper name for a single freshwater shrimp?  
A. Prawn T1.3-5a
- Q. What is the most common grass found in Tennessee?  
A. Fescue T1.3-5e
- Q. What does the agriculture term "outcrops" refer to?  
A. Large rocks sticking up out of the ground hindering cultivation of the land T1.3-5e
- Q. What Grand Division of Tennessee grows the most cotton?  
A. West Tennessee T3.6-8i
- Q. Tennessee ranks number one in the country in the production of what wooden item?  
A. Pencils T3.6-8i
- Q. What does the term "marbling" mean as it relates to meat?  
A. Amount of fat within the meat T3.6-8g
- Q. What is the Tennessee state agricultural insect?  
A. Honeybee T4.6-8f
- Q. What western mammal has drifted into Tennessee causing much alarm to farmers?  
A. Coyote T1.3-5a
- Q. Which county in Tennessee has the highest population of horses in the state?  
A. Rutherford County T3.6-8i
- Q. What type of plant can produce its own nitrogen?  
A. Legume T1.3-5e
- Q. What type of crop is grown simply to conserve and develop the soil?  
A. A "cover" crop T1.6-8c
- Q. What is the term for the group of baby pigs a sow has?  
A. Litter T2.3-5d
- Q. A sirloin steak comes from what area of the animal?  
A. Hip T2.3-5d
- Q. What type of tree is most prevalent on the summit of Clingman's Dome?  
A. Frasier Fir T1.6-8c
- Q. What is the most fertile part of the soil?  
A. Topsoil T1.3-5e
- Q. What is the term used to describe the loss of topsoil?  
A. Erosion T1.3-5e



- Q. What is the name of the feed that is highest in energy content?  
A. Corn T1.3-5e
- Q. What is defined as an agent or chemical used to destroy pests?  
A. Pesticides T1.3-5e
- Q. Where would you find an A, B, and C horizon?  
A. In a soil profile T1.3-5e
- Q. Which one of Tennessee's forage grasses is infected with an "Endophyte Fungus?"  
A. Fescue T1.3-5e
- Q. Which soil characteristic is the most important to know when putting in a septic system?  
A. The percolation rate or "Perc Rate" (how fast liquid can travel or perc through the soil) T1.3-5e
- Q. What are the only insects that produce food for humans?  
A. Honeybees T4.6-8f
- Q. What is meant by the word gestation?  
A. Length of pregnancy T2.3-5d
- Q. What was the first crop raised by settlers in Middle Tennessee?  
A. Corn T4.6-8a
- Q. What is the term for growing a plant in a water medium?  
A. Hydroponic T4.3-5d
- Q. Which grand division of the state depends the most on the row crop part of Agriculture?  
A. West Tennessee T3.6-8i
- Q. The wool from one sheep is called what?  
A. Fleece T2.3-5d
- Q. What is the advantage of Jersey dairy cattle over the Holstein breed?  
A. Higher amount of butterfat in the milk T2.3-5d
- Q. Leather is a by-product from what agricultural industry?  
A. Cattle (both Beef and Dairy) T2.3-5d
- Q. Which state produces the most milk?  
A. Wisconsin (America's Dairyland!) T2.3-5d
- Q. What is applied to soil to increase soil nutrients and crop yield?  
A. Fertilizer T2.6-8c
- Q. What are you doing if you dock a sheep's tail?  
A. Cutting it off T2.3-5d



- Q. Sheep produce what kind of meat? T2.3-5d  
A. Lamb or mutton
- Q. What Mexican insect spread into the southeastern U.S. causing millions of dollars in damages to cotton crops? T4.6-8f  
A. Boll Weevil
- Q. A female hog before she has pigs is called a what? T2.3-5d  
A. Gilt
- Q. What is defined as the wise use of natural resources over time? T1.6-8c  
A. Conservation
- Q. What "popular" Tennessee tree is really a magnolia? T1.6-8c  
A. Tulip poplar
- Q. In what month do the dogwood trees usually bloom in Tennessee? T1.6-8c  
A. April
- Q. What is the term for plowing or cultivating around the hill as opposed to up and down? T1.6-8c  
A. Farming on the Contour
- Q. What is the general term for the working in an industry that is sustainable, renewable and contributes to the quality of the environment? T1.6-8c  
A. "green" industry
- Q. The Red Cedar is in reality what type of tree? T1.6-8c  
A. Juniper
- Q. What crop in Tennessee is referred to as "White Gold?" T3.6-8i  
A. Cotton
- Q. What are we doing when we are irrigating (Pronounced EAR-UH-GATE-ING) a field? T4.3-5d  
A. Watering the field
- Q. Where is the largest pecan tree in the world located? T3.6-8i  
A. Natchez Trace State Park
- Q. What does the agriculture term IPM stand for? T2.6-8c  
A. Integrated Pest Management
- Q. What grand division of the state has the most Dairy Cattle? T3.6-8i  
A. East
- Q. What percentage of Potassium is contained in a 100 pound bag of 6-12-12 fertilizer? T2.6-8c  
A. 12 percent
- Q. What Grand Division of Tennessee produces the most Corn? T3.6-8i  
A. West Tennessee



- Q. Which Grand Division of Tennessee produces the most hogs? T3.6-8i  
A. West Tennessee
- Q. One square foot of lumber one inch thick is the definition of what measurement? T3.6-8i  
A. Board Foot
- Q. This is the measure of density of a forest stand. T3.6-8i  
A. Basal Area Factor (pronounced BASE-UL)
- Q. What milk processor in Athens, Tennessee has had their ice cream ranked "one of the best in the world" by TIME Magazine? T3.6-8i  
A. Mayfield Dairy Farms
- Q. People from what country are largely responsible for the spread of domesticated horses world-wide? T4.6-8a  
A. Egypt
- Q. Which Grand Division of Tennessee produces the most alfalfa? T3.6-8i  
A. Middle



- Q. The US Speaker of the House is part of which branch of government? 4.42  
A. The Legislative Branch
- Q. What branch of government enforces the laws? 4.41  
A. Executive
- Q. What armed rebellion in 1787 served as a catalyst for the calling of a Constitutional Convention? 4.39  
A. The Shays Rebellion
- Q. The United States Supreme Court has how many justices? 4.42  
A. 9 including the Chief Justice
- Q. What is the introductory statement of the US Constitution outlining its fundamental and guiding principles? 4.42  
A. The Preamble
- Q. Laws designed to separate and limit full rights to black citizens are referred to as what? 5.41  
A. Jim Crow Laws
- Q. Who leads the Supreme Court of the United States? 4.41  
A. The Chief Justice
- Q. What is the most electoral votes any state has? 4.42  
A. California has 55
- Q. The freedoms of speech, religion, and the press, as well as the right to assemble, are outlined in which amendment to the U.S. Constitution? 4.42  
A. 1st Amendment
- Q. How many amendments make up the Bill of Rights? 4.39  
A. 10
- Q. What is a simple definition of the Constitutional term Article? 4.42  
A. Part
- Q. Which branch of government is responsible for signing bills into law? 4.41  
A. The Executive Branch
- Q. What title is conferred upon the leader of the U.S. House of Representatives? 4.42  
A. Speaker of the House
- Q. Section 3 of Article 1 of the US Constitution deals with what part of government? 4.42  
A. The US Senate
- Q. Which Article of the US Constitution outlines the powers of Supreme Court? 4.42  
A. Article 3
- Q. Confirming cabinet members and supreme court nominees are ways that the Senate "checks and balances" the power of what other branch of government? 4.42  
A. The Executive Branch



- Q. What document starts with these words "Whereas, the people of the territory of the United States south of the River Ohio..."? 4.45  
A. The Tennessee State Constitution
- Q. What are the first ten amendments to the US Constitution called? 4.39  
A. The Bill of Rights
- Q. What principal within our US Constitution makes it difficult for one person to have absolute control of the government? 4.41  
A. Separation of Powers
- Q. How many electoral votes are allocated to Tennessee? 4.42  
A. Eleven (11)
- Q. Nominating justices to the Supreme Court is one way the President "checks and balances" the power of what other branch of government? 4.42  
A. The Judicial Branch
- Q. What is the fewest electoral votes any state has? 4.42  
A. 3 (seven states and DC have three)
- Q. Having separate schools for black and white children was an example of what type law? 5.41  
A. Jim Crow Laws
- Q. What Amendment to the US Constitution guaranteed equal protection under the law? 5.20  
A. The 14 Amendment
- Q. Which Amendment ensures that the Federal Government has only powers delegated to it by the Constitution, with all other powers reserved for the states? 4.42  
A. 10th Amendment
- Q. What is the term of office for a United States Senator? 4.42  
A. Six years
- Q. What principal within our US Constitution divides the influence among different entities within our Government? 4.41  
A. Separation of Powers
- Q. Which Article defined how many states had to ratify the US Constitution in order for it to go into effect? 4.42  
A. Article 7
- Q. What is the term of office for a United States Representative? 4.42  
A. Two years
- Q. How many United States Senators does each state have? 4.42  
A. Two (2)
- Q. Which Article of the US Constitution outlines the powers of Congress? 4.42  
A. Article 1



- Q. Who serves as the Speaker of the United States Senate? 4.42  
A. The Vice-President of the United States (Would accept the actual person)
- Q. What branch of government determines if a law is unconstitutional? 4.41  
A. The Judicial Branch
- Q. What part of the US Constitution answers the questions as to why we are doing this and who we are doing it for? 4.42  
A. The Preamble
- Q. What branch of government deals mainly with the creation of laws? 4.41  
A. The Legislative Branch
- Q. Section 4 of Article 2 defines what action that can be taken against a sitting President for actions such as Treason or Bribery? 4.42  
A. Impeachment
- Q. Any proposed amendment to the US Constitution must have at least how many votes in the senate in order to move forward? 4.42  
A. 67 votes (2/3 of 100)
- Q. Any proposed amendment to the US Constitution must pass by what margin in both chambers of government? 4.42  
A. two-thirds majority (2/3)
- Q. Which Article of the US Constitution outlines how to make changes and updates to the document? 4.42  
A. Article 5
- Q. According to Article 4 of the US Constitution, you can't commit a crime in one state and do what? 4.42  
A. Flee or hide in another state.
- Q. Which Article of the US Constitution outlines the powers of President? 4.42  
A. Article 2
- Q. Article 3 of the US Constitution defines what branch of government? 4.42  
A. The Judicial Branch
- Q. Striking down an unfair law would be one way the Supreme Court "checks and balances" the power of what other branch of government? 4.42  
A. The Legislative Branch
- Q. Article 1 of the US Constitution defines what branch of government? 4.42  
A. The Legislative Branch
- Q. What is the fewest electoral votes any state has? 4.42  
A. 3 (seven states and DC have three)





- Q. Which Article of the US Constitution outlines the powers of Vice-President? 4.42  
A. Article 2
- Q. Which Article of the US Constitution includes the President's Oath of Office? 4.42  
A. Article 2
- Q. Which Article of the US Constitution outlines and defines the Electoral College? 4.42  
A. Article 2
- Q. What does the constitutional term "ratify" mean? 4.42  
A. to give formal consent to
- Q. Article 2 of the US Constitution defines what branch of government? 4.42  
A. The Executive Branch
- Q. What describes how each branch of government limits and shares powers with the other branches? 4.41  
A. Checks and Balances
- Q. What do you call a group of citizens called together to hear a legal case? 4.42  
A. Jury
- Q. What happens if a vote is tied in the US Senate? 4.42  
A. The Vice-President breaks the tie
- Q. Which Article of the US Constitution outlines the crime of Treason? 4.42  
A. Article 4
- Q. Which part of Congress is referred to sometimes as the 'Lower Chamber?' 4.42  
A. The US House of Representatives
- Q. Section 2 of Article 1 of the US Constitution deals with what part of government? 4.42  
A. The US House of Representatives
- Q. What branch of government interprets the laws? 4.42  
A. Judicial
- Q. Article 1 designates that all US Representatives must be what age before taking office? 4.42  
A. 25 years of age
- Q. When the President chooses not to sign a bill passed by Congress, this presidential act is called what? 4.42  
A. A Veto (pronounced VEE-TOE)
- Q. Article 1 designates that all US Senators must be what age before taking office? 4.42  
A. 30 years of age
- Q. What vote is required for the US House and Senate to have in order to pass a bill? 4.42  
A. Simple Majority of members present



- Q. What is literally the "Highest Court in the Land?" 4.42  
A. The Supreme Court
- Q. Which part of Congress is referred to sometimes as the "Upper Chamber?" 4.42  
A. The US Senate
- Q. Which Article of the US Constitution defines the method by which new states are admitted into the Union? 4.42  
A. Article 4
- Q. Having separate water fountains for black and white citizens was an example of what type law? 5.41  
A. Jim Crow Laws
- Q. Having to take a test in order to become a registered voter was an example of what type of law? 5.41  
A. Jim Crow Laws
- Q. What Amendment to the US Constitution implemented the modern income tax system? 5.40  
A. The 16 Amendment
- Q. What was the first Amendment to be ratified in the 20th Century? 5.40  
A. The 16 Amendment
- Q. Which article of the US Constitution defines the sovereignty of the United States? (SOV-URN-TEE) 4.42  
A. Article 6
- Q. According to Article 7, how many states had to ratify the Constitution in order for it to go in effect? 4.42  
A. 9 states
- Q. What is the approximate size, in population, of a US Congressional District? 4.42  
A. 700,000 people
- Q. According to the US Constitution, what two entities of the Government must work together in order to make a treaty with a foreign power? 4.42  
A. The Office of the President and The US Senate
- Q. Freedom to speedy trial is ensured in what US Constitutional Amendment? 4.42  
A. 6th Amendment
- Q. Having soldiers quartered in your home during peacetime is prohibited by what US Constitutional Amendment? 4.42  
A. 3rd Amendment
- Q. The right to bear arms is ensured in what US Constitutional Amendment? 4.42  
A. 2nd Amendment
- Q. Being tried two times for the same crime is prohibited by what US Constitutional Amendment? 4.42  
A. 5th Amendment



- Q. How many electoral votes does it take to be elected President of the United States? 4.42  
A. 270 (as of 2008)
- Q. Which state has the largest number of US Representatives? 4.42  
A. California (53)
- Q. When a person "takes the 5th" it means he doesn't have to do what? 4.42  
A. Testify against himself in a court of law
- Q. Freedom of Religion can be found in what amendment? 4.42  
A. 1st Amendment
- Q. The Amendment process is outlined in what Article of US Constitution? 4.41  
A. Article 5
- Q. How do you determine a state's electoral votes? 4.42  
A. By adding the number of US Representatives and Senators.
- Q. What is the term used to describe the process of how seats are distributed among states in the US House of Representatives? 4.42  
A. Apportion or Apportionment (UH-PORE-SHUN or UH-PORE-SHUN-MUNT )
- Q. Which House of Congress includes Territories and the District of Columbia, but in a non-voting capacity? 4.42  
A. The US House of Representatives
- Q. Which Article of the US Constitution promises to protect all states from invasion by a foreign power or entity? 4.42  
A. Article 4
- Q. What is the fewest number of US Representatives that any state has in Congress? 4.42  
A. 1 (Seven states just have 1)
- Q. What does the word Posterity (PAHS-STAIR-UH-TEE) in the Preamble mean? 4.42  
A. future generations of people
- Q. According to Article 2 of the US Constitution, how old must a person be to run for President? 4.42  
A. 35 Years of Age
- Q. What branch of government ratifies treaties with other nations? 4.42  
A. The US Senate
- Q. Freedom to peaceably assemble is ensured in what US Constitutional Amendment? 4.42  
A. 1st Amendment
- Q. The 18 Amendment is often referred to by what name? 5.40  
A. Prohibition (PRO-UH-BISH-UN)



- Q. After a proposed amendment clears both the House and Senate, how many states have to ratify it in order for it to become law? 4.42  
A. three-fourths or 38 of the 50 states.
- Q. With the exception of a veto, what is the final act in a bill becoming law as outlined by the US Constitution? 4.42  
A. The President sign's it into Law.
- Q. What does it take to override a Presidential Veto? 4.42  
A. two-thirds majority (2/3) vote in both Houses.
- Q. Which Article of the US Constitution dictates that no religious affiliation or lack thereof is required to hold public office in the United States? 4.42  
A. Article 6
- Q. Confirming cabinet members and supreme court nominees are ways that The Senate "checks and balances" the power of what other branch of government? 4.42  
A. 1st Amendment
- Q. What does the term enfranchise mean? 5.24  
A. Give The right to vote
- Q. How long did the 18th Amendment last before being repealed? 5.40  
A. 15 years
- Q. Unreasonable searches and seizures is prohibited by what US Constitutional Amendment? 4.42  
A. 4th Amendment
- Q. The Temperance movement in America around the turn of the 20th century was seeking what? 5.40  
A. Prohibition (PRO-UH-BISH-UN)
- Q. The President's State of the Union Address is mandated in Section 3 of what Article of the Constitution? 4.42  
A. Article 2
- Q. What Amendment to the US Constitution prohibited the production and sale of alcohol? 5.40  
A. The 18 Amendment
- Q. Prior to the 17 Amendment how did most US Senators gain their office? 5.40  
A. Selected by state legislature
- Q. What Amendment to the US Constitution mandated that US Senators would be elected by popular vote? 5.40  
A. The 17 Amendment
- Q. What Amendment to the US Constitution repealed the 18th Amendment? 5.40  
A. The 21 Amendment



- Q. What Amendment to the US Constitution shut down the Jack Daniels Distillery in Lynchburg, Tennessee? 5.24  
A. The 18 Amendment
- Q. Freedom of the Press is ensured in what US Constitutional Amendment? 4.42  
A. 1st Amendment
- Q. Being able to cross examine your accuser during a court case is guaranteed by what US Constitutional Amendment? 4.42  
A. 6th Amendment
- Q. Freedom of the press is ensured in what US Constitutional Amendment? 4.42  
A. 1st Amendment
- Q. Black market booze and rise of organized crime was a negative byproduct of what Amendment to the US Constitution? 5.40  
A. The 18 Amendment
- Q. Who was the first US Secretary of the Treasury? 4.46  
A. Alexander Hamilton
- Q. According to Article 2 of the US Constitution, a person has to be a natural born US Citizen in order to hold what office? 4.42  
A. President of the United States
- Q. What Amendment to the US Constitution prohibiting states from passing unfair laws? 5.20  
A. The 14 Amendment
- Q. What state was admitted to the union during the Compromise of 1850? 5.40  
A. California
- Q. What particular group of people did the 14th Amendment seek to protect? 5.20  
A. Recently Freed Slaves
- Q. What Amendment to the US Constitution limited the ability of former Confederate leaders to hold federal office? 5.20  
A. The 14 Amendment
- Q. What Amendment to the US Constitution guaranteed that all male citizens over 21 had the right to vote? 5.20  
A. The 14 Amendment
- Q. What Amendment to the US Constitution prohibits states from discriminating against particular groups of citizens? 5.20  
A. The 14 Amendment
- Q. What Amendment to the US Constitution guaranteed the right to vote regardless of race or color? 5.20  
A. The 15 Amendment



- Q. What Amendment to the US Constitution banned the payment of any debt owed by the Confederate government? 5.20  
A. The 14 Amendment
- Q. What Amendment to the US Constitution guaranteed full citizenship to anybody born on American soil? 5.20  
A. The 14 Amendment
- Q. Members of the US Military are technically members of what branch of government? 4.42  
A. The Executive Branch
- Q. What Amendment to the US Constitution prevented any state from prohibiting any of its residents the full privileged of American citizenship? 5.20  
A. The 14 Amendment
- Q. The 7th Amendment to the US Constitution guarantees the right to a jury trial in any civil suits involving at least how much money? 4.42  
A. \$20
- Q. Which Amendment acts to ensure individuals are afforded fundamental rights even if not mentioned in the US Constitution? 4.42  
A. 9th Amendment
- Q. The US Secretary of State is part of which branch of government? 4.42  
A. The Executive Branch
- Q. What was the "Three-Fifths" Compromise in the US Constitution? 4.39  
A. Counted slaves at a 3/5 proportion in the population
- Q. Who was the first US Secretary of State? 4.46  
A. Thomas Jefferson
- Q. The right to an attorney for any accused person is guaranteed by what US Constitutional Amendment? 4.42  
A. 7th Amendment
- Q. What Amendment to the US Constitution banned paying slave-owners for the loss of their slaves? 5.20  
A. The 14 Amendment
- Q. Who was President when the 13th Amendment to the US Constitution was ratified? 5.20  
A. Andrew Johnson
- Q. What Amendment repealed the "Three-Fifths" clause in the US Constitution? 5.20  
A. The 14 Amendment
- Q. What was the "Three-Fifths" Compromise in the US Constitution? 5.20  
A. Counted slaves at a 3/5 proportion in the population



- Q. Which Article of the US Constitution outlines trial by Jury in the State where the crime was committed? 4.42  
A. Article 3
- Q. Cruel and unusual punishment is prohibited by what US Constitutional Amendment? 4.42  
A. 8th Amendment
- Q. Who presides over the US House of Representatives? 4.42  
A. The Speaker of the House
- Q. The Right to Petition the Government is ensured in what US Constitutional Amendment? 4.42  
A. 1st Amendment
- Q. What state was admitted to the union during the Compromise of 1850? 4.67  
A. California
- Q. What was the purpose of the 13th Amendment to the US Constitution? 5.20  
A. to Abolish Slavery in America
- Q. During what war was the 13th Amendment to the US Constitution passed? 5.20  
A. The Civil War



- Q. A tornado with wind speeds of 300 miles per hour would be considered what class tornado? THES 11  
A. F-5
- Q. What scale is used to classify a tornado? THES 11  
A. Fujita Scale (pronounced FEW GEE TA)
- Q. What is the term for introducing an undesirable element? THES 5.  
A. Contamination
- Q. What is a substance that prevents bacterial growth called? THES 9.  
A. Antibiotic
- Q. How long does it take the sound of thunder to travel a mile? THES 11  
A. 5 seconds
- Q. What nutrient helps keep the body temperature at a normal level? THES 5.  
A. Water
- Q. What national organization issues weather watches and warnings? THES 11  
A. The National Weather Service
- Q. What insect is spreading the West Nile Virus in this country? THES 9.  
A. Mosquito
- Q. What bugs spread Rocky Mountain Spotted Fever and Lyme Disease? THES 9.  
A. Ticks
- Q. What is the approximate size of a lightning bolt? THES 11  
A. Only 3/4 inch
- Q. What radar system has greatly improved the forecasting of tornados? THES 11  
A. Doppler
- Q. What is the term for the main object you want in your photograph? VA 2.3  
A. Subject
- Q. What is the term used to describe two images taken at different times appearing on the same photograph? VA 1.3  
A. Double exposure
- Q. In sewing, what is the guide or directions for making a specific garment called? VA 2.3  
A. Pattern
- Q. The color teal is defined as what? VA 2.1  
A. Dark greenish blue
- Q. What kind of paint is made of powder mixed with glue and water? VA 1.2  
A. Tempera





- Q. What is the device in a camera that opens and closes causing the film to be exposed forming an image?  
A. Shutter VA 1.1
- Q. What is defined as the ratio of lean body weight to fat body weight?  
A. Body composition THES 5.
- Q. If you add black to a color to make it darker, you are changing the color's what?  
A. Shade VA 2.1
- Q. What is a picture that is woven in cloth and hung on a wall?  
A. Tapestry (pronounced TAP-ISS-TREE) VA 1.3
- Q. What is the photographic term for taking a picture with no flash?  
A. Existing light photography VA 2.3
- Q. What color is defined as a pale or light purple?  
A. Lavender or Lilac VA 2.1
- Q. If you add white to a color, you change the color's what?  
A. Tint VA 2.1
- Q. What is the term for something that cannot be seen through?  
A. Opaque VA 2.1
- Q. U. T. was officially named the University of Tennessee in 1879. What was its' name immediately prior to this change?  
A. East Tennessee University LSED
- Q. Your body turns extra protein into what?  
A. Fat THES 5.
- Q. What is the name of a paper or board with openings that let paint or ink through to make a design?  
A. Stencil VA 1.1
- Q. What is the term for using parts of things to make a shape, form, or pattern rather than making it look real?  
A. Abstract VA 1.3
- Q. What type camera lens allows you to frame more area from right to left?  
A. Wide-angle lens VA 1.1
- Q. What type of drug produces sleep or stupor while at the same time relieving pain?  
A. Narcotics THES 13
- Q. What type drug speeds up the central nervous system?  
A. Stimulant THES 13



- Q. What is the part of the scene that appears behind the subject in a photograph?  
A. Background VA 2.1
- Q. What kind of camera lens can bring your subject closer to you?  
A. Telephoto VA 1.1
- Q. What type painting is the hardest to clean-up?  
A. Oil Painting VA 1.2
- Q. What is the method of drawing done without any help from any drawing instruments?  
A. Freehand VA 1.3
- Q. As it relates to clothing, why do we use pinking shears?  
A. Cutting zig-zag edges on cloth to prevent fraying VA 1.1
- Q. What is used in sewing to give shape to a garment by rounding flat fabric to fit curves?  
A. Darts VA 1.3
- Q. What is the woven edge on either side of a piece of fabric?  
A. Selvage VA 2.3
- Q. What is the tool used to study color schemes?  
A. The Color Wheel VA 2.1
- Q. Panning, F-Stop, and Depth of Field are terms found in which art form?  
A. Photography VA 1.2
- Q. What does the term linear mean?  
A. Consisting of lines VA 2.1
- Q. What is the term for the outer edges of a flat surface?  
A. Shape VA 2.1
- Q. What is the term for a disease that is transmitted to humans by food?  
A. Foodborne Illness THES 5.
- Q. What is the most common stitch on a sewing machine?  
A. Straight Stitch VA 2.1
- Q. What part of the basement would be the safest place to be during a tornado?  
A. Southwest corner (The Northeast corner may pile up with debris) THES 11
- Q. What percent of traffic accidents are alcohol related?  
A. 60 percent THES 13
- Q. What type of accident causes the most deaths in the United States?  
A. Motor Vehicles THES 10



- Q. Foods high in soluble fiber can lower what substance in your blood? THES 5.  
A. Cholesterol
- Q. Which tornado would be more dangerous an F-1 or an F-5? THES 11  
A. F-5
- Q. What should be dialed in case of emergency? THES 11  
A. 911
- Q. What is the term for the passing of nutrients into the blood stream? THES 5.  
A. Absorption
- Q. What is the first responsibility of any baby sitter? THES 10  
A. Safety of the child
- Q. A drug or other substance which produces delusions is called a what? THES 13  
A. Hallucinogen (pronounced HUH-LOOSE-UN-UH-GIN)
- Q. Exercise makes your bones what? THES 4.  
A. Stronger
- Q. What is the term for the exceptionally high tides which accompany hurricanes causing much damage? THES 11  
A. Storm Surge
- Q. What is the normal resting heart rate (heart beats per minute)? THES 4.  
A. 60 to 90
- Q. Americans get most of their sodium intake from what ingredient added to foods during processing? THES 5.  
A. Salt
- Q. Most fast foods are high in fat and what? THES 5.  
A. Sodium
- Q. What is a chemical compound essential to good nutrition and bone structure? THES 5.  
A. Mineral
- Q. What can be defined as a style that gains sudden popularity and declines quickly? THES 13  
A. Fad
- Q. What are the two readings given in a blood pressure? THES 9.  
A. Systolic (pronounced SISS-TAH-LIC) and Diastolic (pronounced DIE-ISS-TAH-LIC)
- Q. What harmful substance is in the paint of most houses built before 1960? THES 10  
A. Lead
- Q. When sewing what is worn on the middle finger of your sewing hand to push the needle through the fabric? VA 1.1  
A. Thimble



- Q. Which class of fire involves flammable liquids, gases, oil and grease?  
A. Class "B" fire THES 10
- Q. Jogging would be considered what type of exercise?  
A. Aerobic Exercise THES 4.
- Q. What do azalea, iris, and holly have in common?  
A. They are common house plants which are poisonous THES 11
- Q. What is an unplanned event that usually results in an injury or damage?  
A. Accident THES 10
- Q. What is the name given to an earthquake which follows another earthquake?  
A. An Aftershock THES 11
- Q. What type of drug is alcohol?  
A. Depressant THES 13
- Q. What is defined as the influence your contemporaries or friends have upon you?  
A. Peer Pressure THES 13
- Q. In food safety, what is the Danger Zone?  
A. Temperatures between 40 and 140 degrees Fahrenheit (where bacteria multiply fastest) THES 5.
- Q. Which class of fire involves wood, cloth, and paper?  
A. Class "A" fire THES 10
- Q. How often should you have a dental check-up?  
A. 2 times per year (every 6 months) THES 2.
- Q. At what time of the day do most lightning deaths occur?  
A. Afternoon THES 11
- Q. What is the standard number for information?  
A. 411 or 1411 THES 11
- Q. What is the recommended amount of time for proper handwashing?  
A. 20 seconds THES 2.
- Q. Emergency responders pay close attention to NOAA weather radio reports in preparing for emergencies. What does NOAA stand for?  
A. the National Oceanic and Atmospheric Administration THES 11
- Q. Which boat has the right of way...a motor boat or a sail boat?  
A. The sail boat THES 10
- Q. Sewing items needed to finish a project such as buttons, zippers, thread and snaps are also known as what?  
A. Notions VA 1.1



- Q. What is the grain from which flour is made? THES 5.  
A. Wheat
- Q. What state university was first named Hall-Moody Institute? LSED  
A. University of Tennessee at Martin (would accept simply UT-Martin)
- Q. Which state university traces its origins to Blount College founded in 1794? LSED  
A. The University of Tennessee
- Q. Concerning interior design, what is the meaning of the word emphasis? VA 2.3  
A. Center of interest
- Q. What does the term motif mean? VA 2.1  
A. A single design unit which can be repeated
- Q. What is made by putting many motifs together? VA 2.3  
A. Pattern
- Q. What current university was at one time known as Tennessee A & I State Normal College? LSED  
A. Tennessee State University
- Q. What does the size of the lens opening of a camera effect? VA 1.1  
A. Depth of field in focus
- Q. What is the name of an art work made by gluing different things down on a flat surface? VA 2.3  
A. Collage
- Q. What is a combination of colors that lie next to each other on the color wheel called? VA 2.1  
A. Analogous or Related (UH-NAL-UH-GUS)
- Q. When studying colors, what are colors called that contain blue? VA 2.1  
A. Cool Colors
- Q. In sewing, what is pivoting? VA 2.1  
A. Turning a corner
- Q. What university in Tennessee was originally known as Grant University? LSED  
A. UT Chattanooga
- Q. What is the material called that gives fabric body and shaping? VA 2.3  
A. Interfacing
- Q. What is the term for getting all of your subject in the photograph? VA 2.3  
A. Framing your subject
- Q. What are colors called that are opposite each other on the color wheel? VA 2.1  
A. Complementary or Contrasting



- Q. What Tennessee city is the home of UTC? LSED  
A. Chattanooga (University of Tennessee at Chattanooga)
- Q. What is the first thing you should do upon arriving on the scene of an accident? THES 11  
A. Secure the scene or make sure the danger is removed or corrected
- Q. How many teaspoons of sugar does a typical 12 ounce can of carbonated soft drink contain? THES 5.  
A. 10
- Q. What are the building blocks of protein? THES 5.  
A. Amino Acids
- Q. At what wind speed does a tropical storm become a hurricane? THES 11  
A. Above 74 mph
- Q. Dietary guidelines recommend that persons obtain at least what percent of their daily calories from carbohydrates? THES 5.  
A. 50
- Q. Why should a person warm up their muscles with stretching exercises? THES 4.  
A. Cold muscles are more prone to injuries
- Q. What term refers to the brightness or dullness of a color? VA 2.3  
A. Intensity
- Q. This part of the UT System does not have any undergraduate students but houses the UT School of Medicine and Dentistry? LSED  
A. The University of Tennessee at Memphis
- Q. What nutrient builds bones and teeth? THES 5.  
A. Calcium
- Q. In what town is Middle Tennessee State University located? LSED  
A. Murfreesboro
- Q. In what town is Tennessee Tech University located? LSED  
A. Cookeville
- Q. What was the original name of East Tennessee State University? LSED  
A. East Tennessee State Normal School
- Q. What state university was at one time University of Tennessee Junior College? LSED  
A. University of Tennessee at Martin (would accept simply UT-Martin)
- Q. What is the tool with a sharp point and a small blade that is used to remove stitches from fabric? VA 1.1  
A. Seam Ripper
- Q. What state university was first named West Tennessee State Normal School? LSED  
A. University of Memphis



- Q. What is the statement issued when conditions are favorable for a Tornado to occur?  
A. Tornado Watch THES 11
- Q. What is the term for something which can be seen through clearly, like glass?  
A. Transparent VA 2.1
- Q. What state university was at one time known as "T P I?"  
A. Tennessee Tech University LSED
- Q. Which school in the University of Tennessee system is located in West Tennessee?  
A. The University of Tennessee at Martin LSED
- Q. What Tennessee university is located near Sewanee, Tennessee?  
A. The University of the South LSED
- Q. Tusculum College, Tennessee's oldest college, is how much older than the University of Tennessee?  
A. One Day! (Tusculum founded on Sept. 9, 1794 and the University of Tennessee on Sept. 10, 1794) LSED
- Q. Where is the University of Tennessee Space Institute located?  
A. Tullahoma LSED
- Q. What is the type of craft where you paint on a wooden surface?  
A. Tole Painting VA 1.3
- Q. What happened to the University of Tennessee at Nashville?  
A. It is now part of Tennessee State University LSED
- Q. What is the term for the way a surface feels when touched?  
A. Texture VA 2.1
- Q. What state university in Tennessee changed its name in 1994?  
A. University of Memphis from Memphis State University LSED
- Q. What is the light proof area used for processing film?  
A. Darkroom VA 1.1
- Q. What is the name of an object made by hand from your own idea, skill and method?  
A. Craft VA 1.3
- Q. What is the type of knitting done with a long hooked needle?  
A. Crochet VA 1.2
- Q. What is the term used to describe the weaving together of three or more cords, wires or string?  
A. Braid VA 1.3
- Q. What is the name of the three-legged supporting stand used to hold a camera steady?  
A. Tripod VA 1.1



- Q. What are you required by Tennessee state law to do each time you ride in a car?  
A. Wear seat belt  
THES 10
- Q. What machine has a needle bar, a throat plate, and a bobbin?  
A. Sewing machine  
VA 1.1
- Q. What university in Tennessee was originally known as Dixie College?  
A. Tennessee Tech University  
LSED
- Q. What is the term for adding a desirable substance to a food increasing the food value?  
A. Fortified  
THES 5.
- Q. What type nutrient in food provides energy to the body?  
A. Carbohydrates  
THES 5.
- Q. What is a list of dishes or foods served at a meal?  
A. Menu  
THES 5.
- Q. What is skim milk?  
A. Whole milk with the fat or cream removed  
THES 5.
- Q. What is an ingredient that helps make bread tender?  
A. Shortening  
THES 5.
- Q. What food group do dry beans fit into?  
A. Meat group  
THES 5.
- Q. What were "normal" schools?  
A. Schools founded to train teachers  
LSED
- Q. Name the only state university in Tennessee named for a former governor?  
A. Austin Peay State University  
LSED
- Q. What is the main use of an emery bag on a pin cushion?  
A. To keep needles and pins sharp  
VA 1.1
- Q. In what town is Austin Peay State University located?  
A. Clarksville  
LSED
- Q. What grain is pasta made from?  
A. Wheat  
THES 5.
- Q. In what town is East Tennessee State University located?  
A. Johnson City  
LSED
- Q. Which school in the University of Tennessee is located in East Tennessee?  
A. The University of Tennessee at Knoxville  
LSED





- Q. Which school in the University of Tennessee system is located in Southeast Tennessee? LSED  
A. The University of Tennessee at Chattanooga
- Q. What was the first of the "normal" schools to enroll students? LSED  
A. Middle Tennessee Normal School
- Q. Oranges, lemons, and tangerines are what kind of fruits? THES 5.  
A. Citrus Fruits
- Q. What is the maximum time that left-overs can be left out at room temperature? THES 5.  
A. Two (2) hours
- Q. What 3 pieces of equipment make up the work triangle in the kitchen? THES 5.  
A. Stove, Sink, Refrigerator
- Q. What does the term rancid mean? THES 5.  
A. Offensive smell (It STINKS!)
- Q. What is the term for the removal of water from food? THES 5.  
A. Dehydrated
- Q. What is the most important tool you have to prevent foodborne illness? THES 2.  
A. Good personal hygiene
- Q. What began in 1775, when the French Government offered a prize for a new method of preserving foods? THES 5.  
A. Canning
- Q. One gram of fat contains how many calories? THES 5.  
A. 9
- Q. What natural occurrence kills the most people in the United States? THES 11  
A. Lightning
- Q. What is the statement issued when a Tornado has been spotted? THES 11  
A. Tornado Warning
- Q. What is the most preventable cause of death in our society? THES 13  
A. Smoking
- Q. What is the safest method to defrost frozen foods? THES 5.  
A. In the refrigerator
- Q. What disease did Jonas Salk eradicate with his vaccine? THES 9.  
A. Polio
- Q. By law, a beverage that is called a "fruit juice" must contain at least what percent of natural fruit juices? THES 5.  
A. 10



- Q. What is the largest voluntary health organization in the world? THES 9.  
A. American Cancer Society
- Q. What method of cooking comes from the French word meaning "to jump" and is usually done to onions and mushrooms? THES 5.  
A. Saute (pronounced SAW-TAY)
- Q. What is the phone number for the Tennessee Poison Control Center? THES 11  
A. 1-800-222-1222 or 1-423-222-1222
- Q. What is a drug which can only be purchased with a physician's order? THES 13  
A. Prescription Drugs
- Q. What vitamin helps your body utilize calcium better? THES 5.  
A. Vitamin D
- Q. What are proteins in food which aid in the maturing of food? THES 5.  
A. Enzymes
- Q. What is the term for the exposing of a liquid to high temperatures allowing for the destruction of harmful organisms without major chemical changes to the substance? THES 5.  
A. Pasteurization (pronounced PASS-TER-UH-ZAY-SHUN)
- Q. What group of diseases is characterized by uncontrolled growth and spread of abnormal cells? THES 9.  
A. Cancer
- Q. What Nashville university is located on the grounds of the former home of Adelia Acklen? LSED  
(Pronounced ADD-UH-LEE-SH-UH ACK-LYNN)  
A. Belmont
- Q. Where does Tennessee rank in the nation for childhood obesity? THES 9.  
A. Fifth (5th) Highest!
- Q. What is the addictive agent found in Tobacco? THES 13  
A. Nicotine
- Q. In what direction do Tornados generally travel? THES 11  
A. Northeast
- Q. Which type of cancer kills the most people in the United States? THES 9.  
A. Lung Cancer
- Q. What is defined as a substance that, when put into your body, can alter the way your body works? THES 13  
A. Drugs
- Q. When mowing on slopes with a push mower, in which direction should you mow? THES 10  
A. Across the slope



- Q. What is the term for the reduction in the size of particles suspended in a liquid by the use of high pressure? THES 5.  
A. Homogenization (pronounced HUM-AH-GIN-UH-ZAY-SHUN)
- Q. What is the name for vitamin B1? THES 5.  
A. Thiamin (pronounced THY UH MUN)
- Q. To prevent concussions when cycling, what piece of equipment should you wear? THES 10  
A. Helmet
- Q. What is a "PFD" as it relates to safety? THES 10  
A. A Personal Flotation Device
- Q. What do the letters C P R stand for? THES 10  
A. Cardiopulmonary Resuscitation (pronounced CAR-DEE-O-PULL-MON-AIR-EE REE-SUS-UH-TAY-SHUN)
- Q. What class tornado would have winds of 100 miles per hour? THES 11  
A. F-1
- Q. How are ingredients on a food label listed by nutritional importance? THES 5.  
A. From most to least
- Q. What mineral helps the thyroid gland to work properly and is usually found in salt? THES 5.  
A. Iodine
- Q. What is the recommended amount of exercise time a child or teenager should get daily? THES 4.  
A. 60 minutes (revised with 2005 new Food Guide Pyramid)
- Q. What is the cancer causing radioactive gas that can seep into your home from underground? THES 9.  
A. Radon
- Q. What is the leading cause of infant deaths in Tennessee? THES 9.  
A. Low birth weight
- Q. What type drug can be bought without a physician's order? THES 13  
A. Over-the-Counter Drug
- Q. Which class of fire occurs in electrical wiring and electronic equipment? THES 10  
A. Class "C" fire
- Q. In emergency preparedness, what do we call the circular diagram containing the words: Prepare, Respond, Recover, Mitigate? THES 11  
A. The Disaster Cycle
- Q. What is the nutrient needed to prevent anemia? THES 5.  
A. Iron
- Q. What is the term for predicting what the weather will do? THES 11  
A. Forecasting



- Q. At what temperature should cold foods be stored? THES 5.  
A. 40° F or colder
- Q. In canning, what is the space left at the top of the container called? THES 5.  
A. Head Space
- Q. What can be added to fruit to prevent it from browning in the freezer? THES 5.  
A. Ascorbic Acid (pronounced AS-SCORE-BIC)
- Q. What is the proper name for deer meat? THES 5.  
A. Venison
- Q. What is the number one state in the United States for SPAM consumption? THES 5.  
A. Hawaii
- Q. What is the meat from young dairy and beef calves? THES 5.  
A. Veal
- Q. What is the nutrient of food needed to build and repair body tissues? THES 5.  
A. Protein
- Q. At what temperature should your refrigerator be set? THES 5.  
A. Between 32 degrees and 40 degrees Fahrenheit
- Q. What is the term used for when a liquid becomes a soft semi-solid mass? THES 5.  
A. Coagulate
- Q. At what temperature should your home freezer be set on? THES 5.  
A. 0 degrees Fahrenheit
- Q. What is the term for the drying out of frozen food that has been improperly packaged? THES 5.  
A. Freezer Burn
- Q. What is the unit by which food energy is measured? THES 5.  
A. Calorie
- Q. What type of fat is liquid at room temperature? THES 5.  
A. Unsaturated
- Q. What single food item contributes the most dietary fat to the American diet? THES 5.  
A. Hamburger
- Q. Name the two types of dietary fiber? THES 5.  
A. Soluble and Insoluble
- Q. Carbohydrates provide how many calories per gram. THES 5.  
A. 4



Q. What vitamin is called the “Sunshine” vitamin?

THES 5.

A. Vitamin C (because citrus fruits are a good source of Vitamin C) (also will accept Vitamin D because the body produces Vitamin D when sunlight is absorbed by the skin)



- Q. If the reactants have a mass 5 grams before a Chemical reaction, what would you expect the product's mass to be? 7.PS1.4  
A. 5 grams also
- Q. What is a substance that is produced from a chemical reaction? 7.PS1.4  
A. Product
- Q. What is a substance required to start a chemical reaction? 7.PS1.4  
A. Reactant
- Q. The rusting of iron would be an example of what kind of change? 7.PS1.5  
A. Chemical Change
- Q. The toxicity and the flammability of a substance would be examples of what property? 7.PS1.5  
A. Chemical Property
- Q. In terms of shape what is the difference in plant cells and animal cells? 7.LS1.3  
A. Plant Cells are rectangular Animal cells are round
- Q. Migration is an example of what kind of adaptation? 7.LS1.6  
A. Behavioral
- Q. What type cell has a cell wall? 7.LS1.3  
A. Plant Cell
- Q. What are the building blocks of all life? 7.LS1.1  
A. Cells
- Q. A opossum playing dead is an example of what kind of adaptation? 7.LS1.6  
A. Behavioral
- Q. Which two gasses make up the greatest percentage of the atmosphere of the Earth? 7.ESS3.1  
A. Oxygen and Nitrogen
- Q. The element Sodium is designated on the Periodic Table (PEER-E-ODD-TICK) as what? 7.PS1.5  
A. Na
- Q. What structure is responsible for the support and protection of the animal cell? 7.LS1.1  
A. Cell membrane
- Q. What structure is responsible for the support and protection of the plant cell? 7.LS1.1  
A. Cell wall
- Q. What is the cell wall of a plant composed of? 7.LS1.3  
A. Cellulose
- Q. A section of DNA which codes a specific trait is know as what? 7.LS3.2  
A. A Gene



- Q. What a term for the gentic material of a given organism? 7.LS3.2  
A. Genome (GEE-NOAM)
- Q. What is the threadlike structure of nucleic acids found in the nucleus of the cell which carries genetic information? 7.LS3.2  
A. Chromosome (Pronounced K-ROAM-UH-SOAM)
- Q. Which type of reproduction would produce an offspring that is genetically unique? 7.LS1.7  
A. Sexual Reproduction
- Q. What is a zygote? (Pronounced ZI-GOAT) 7.LS3.2  
A. A fertilized egg
- Q. Vultures having a bald head and a good sense of smell is an example of what type of Adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Structural Adaptation
- Q. What are tiny cell structures that carry out specific functions within the cell? 7.LS1.1  
A. Organelles
- Q. The element Chlorine is designated on the Periodic Table (PEER-E-ODD-TICK) as what? 7.PS1.5  
A. Cl
- Q. What is a genotype? (pronounced JEAN-O-TYPE) 7.LS3.2  
A. The genetic makeup of an organism?
- Q. Which two gasses make up the greatest percentage of the atmosphere of the Earth? 7.ESS3.1  
A. Oxygen and Nitrogen
- Q. What is termed as a specific physical characteristic which varies from one individual to another? 7.LS3.2  
A. A trait
- Q. What is the study of Heredity called? 7.LS3.2  
A. Genetics
- Q. The element Iron is designated on the Periodic Table (PEER-E-ODD-TICK) as what? 7.PS1.5  
A. Fe
- Q. What is a phenotype? (pronounced FEAN-O-TYPE) 7.LS3.2  
A. An animals physical characteristics
- Q. Zebras herding together to protect the herd is an example of what type of Adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Behavioral Adaptation
- Q. Plants produce oxygen during what process? 7.LS1.9  
A. Photosynthesis
- Q. What is appromimately equal to the number of protons and neutrons found in an atom? 7.PS1.5  
A. Atomic Mass



- Q. What structure is responsible for coordinating growth, metabolism, and the reproduction of the cell? 7.LS1.1  
A. The nucleus
- Q. What is a trait which allows an organism to survive and reproduce in its environment? 7.LS1.6  
A. Adaptation (ADAP-TAY-SHUN)
- Q. What organelle within the cell is responsible for photosynthesis? 7.LS1.1  
A. Chloroplasts
- Q. What organelle within the cell breaks down food molecules and dead or injured cells? 7.LS1.1  
A. Lysosome (Pronounced LIE-SO-SOAM)
- Q. What regulates passage of materials in and out of the the cell nucleus? 7.LS1.1  
A. Nuclear Membrane
- Q. Which type of cell would have one large central vacuole? (Pronounced VACK -U- UL) 7.LS1.3  
A. Plant Cells
- Q. What is the network of canals within the cell use to treansport and store substances? 7.LS1.1  
A. Endoplasmic Reticulum (Pronounced IN-DOE-PLAS-MICK REE-TICK-U-LUM)
- Q. What structure is responsible for the support and protection of the animal cell? 7.LS1.3  
A. Cell membrane
- Q. What organelle within the cell is know as the powerhouse of the cell? 7.LS1.1  
A. Mitochondria (Pronounced MITE-UH-CON-DREE-UH)
- Q. What structure is responsible for the support and protection of the plant cell? 7.LS1.3  
A. Cell wall
- Q. What organelle within the cell produces proteins? 7.LS1.1  
A. Ribosomes (Pronounced RIBE-O-SOAMS)
- Q. Balling up a sheet of aluminum foil would be an example of what kind of change? 7.PS1.5  
A. Physical Change
- Q. A Black Bear hibernating in the winter is an example of what type of Adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Behavioral Adaptation
- Q. An action taken by the organism to aid in survival is what kind of adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Behavioral Adaptation
- Q. What are the building blocks of all life? 7.LS1.3  
A. Cells





- Q. What structure is responsible for coordinating growth, metabolism, and the reproduction of the cell? 7.LS1.3  
A. The nucleus
- Q. What structure in the cell is responsible for storing the cells DNA? 7.LS1.3  
A. The nucleus
- Q. Which type of cell would have cilia? 7.LS1.3  
A. Animal Cells
- Q. Atoms will react chemically in the same way if they are in the same what? 7.PS1.5  
A. The same group or family
- Q. What organelle within the cell stores water and other materials? 7.LS1.1  
A. The Vacuole (Pronounced Vack-U-ULL)
- Q. Which type of cell would have Lysomes? 7.LS1.1  
A. Animal Cells
- Q. What are the three main structures of a cell? 7.LS1.3  
A. Membrane, nucleus, cytoplasm
- Q. What are the three main structures of a cell? 7.LS1.1  
A. Membrane, nucleus, cytoplasm
- Q. In terms of shape what is the difference in plant cells and animal cells? 7.LS1.1  
A. Plant Cells are rectangular Animal cells are round
- Q. What is the basic unit of all living things? 7.LS1.1  
A. Cells
- Q. What type cell has a cell wall? 7.LS1.1  
A. Plant Cell
- Q. What organelle within the cell provides energy for cellular respiration? 7.LS1.1  
A. Mitochondria (Pronounced MITE-UH-CON-DREE-UH)
- Q. Which type of cell would have one large central vacuole? (Pronounced VACK -U- UL) 7.LS1.1  
A. Plant Cells
- Q. What structure in the cell is responsible for storing the cells DNA? 7.LS1.1  
A. The nucleus
- Q. What is classified as an animal that is cold-blooded is able to live in both water and on land? 7.LS1.3  
A. Amphibian
- Q. What is the change which affects the size, shape, or color of a substance but does not affect its composition? 7.PS1.5  
A. A Physical Change



- Q. Which type of cell would have cilia?  
A. Animal Cells 7.LS1.1
- Q. What organelle within the cell contains the DNA?  
A. Nucleus 7.LS1.1
- Q. Which type of cell would have Lysosomes?  
A. Animal Cells 7.LS1.3
- Q. What is the jellylike fluid inside the cell in which the organelles are suspended?  
A. Cytoplasm 7.LS1.1
- Q. The color or texture of a substance would be examples of what property?  
A. Physical Property 7.PS1.5
- Q. What is the cell wall of a plant composed of?  
A. Cellulose 7.LS1.1
- Q. What is a substance consisting of two or more atoms from different elements that can be separated by physical means?  
A. A Mixture 7.PS1.3
- Q. Chemically speaking table salt would be classified as a what?  
A. A Compound 7.PS1.3
- Q. Elements arranged in a column on the Periodic Table (PEER-E-ODD-TICK) are called what?  
A. Groups 7.PS1.5
- Q. Elements arranged in a row on the Periodic Table (PEER-E-ODD-TICK) are called what?  
A. Periods 7.PS1.5
- Q. The element Hydrogen is designated on the Periodic Table (PEER-E-ODD-TICK) as what?  
A. H 7.PS1.5
- Q. Chemically speaking air would be classified as a what?  
A. A Mixture 7.PS1.3
- Q. The element Gold is designated on the Periodic Table (PEER-E-ODD-TICK) as what?  
A. Au 7.PS1.5
- Q. Within a period of the Periodic Table (PEER-E-ODD-TICK) what increases from left to right?  
A. The Atomic Number 7.PS1.5
- Q. What is a substance consisting of two or more atoms from different elements bound together chemically?  
A. A Compound 7.PS1.3
- Q. What are the basic substances which make up the Periodic Table (PEER-E-ODD-TICK)?  
A. Elements 7.PS1.5



- Q. What is a substance which has properties different than its componets? 7.PS1.3  
A. A Compound
- Q. Chemically speaking a peanut butter and jelly sandwich would be classified as a what? 7.PS1.3  
A. A Mixture
- Q. Chemically speaking water would be classified as a what? 7.PS1.3  
A. A Compound
- Q. Digesting food would be an example of what kind of change? 7.PS1.5  
A. Chemical Change
- Q. Chemically speaking soil would be classified as a what? 7.PS1.3  
A. A Mixture
- Q. A group of animals that are more like each other than they are alike any other group of animals are called what? 7.LS1.3  
A. A species
- Q. Why is Helium a safer substance to use in a Blimp than Hydrogen? 7.PS1.5  
A. It is less Reactive (therefore less flammable)
- Q. The element Oxygen is designated on the Periodic Table (PEER-E-ODD-TICK) as what? 7.PS1.5  
A. O
- Q. The element Nitrogen is designated on the Periodic Table (PEER-E-ODD-TICK) as what? 7.PS1.5  
A. N
- Q. The total amount of matter found in an atom is designated as that atom's what? 7.PS1.5  
A. Atomic Mass
- Q. What is a one or two letter notation used to represent an atom of a particular element? 7.PS1.5  
A. Chemical Symbol
- Q. Related to the Periodic Table (PEER-E-ODD-TICK) how are elements which have no metallic propteries classified? 7.PS1.5  
A. Nonmetals
- Q. From a chemical standpoint how would you classify the substance H<sub>2</sub>O (H-2-0)? 7.PS1.5  
A. A compound
- Q. From a chemical standpoint how would you classify the substance Fe (F-E)? 7.PS1.5  
A. An element
- Q. What is the term for the number of protons found in the nucleus of an atom? 7.PS1.5  
A. The Atomic Number
- Q. An actual change in the physical make-up of an organism to aid in survival is what kind of adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Structural Adaptation



- Q. Chemically speaking baking soda would be classified as a what? 7.PS1.3  
A. A Compound
- Q. A difference between members of the same population is a what? 7.LS1.6  
A. Variation
- Q. What is another term for having a variety of life in a given place? 7.LS1.6  
A. Biodiversity (BYO-DUH-VERSE-UH-TEE)
- Q. The scientific law that basically states that mass can neither be created or destroyed is known as what? 7.PS1.4  
A. Law of Conservation of Mass
- Q. What are the fundamental particles which make up matter? 7.PS1.1  
A. Atoms
- Q. What is the table which arranges the chemical elements into groups and properties? 7.PS1.5  
A. The Periodic Table (PEER-E-ODD-TICK)
- Q. Elements that are similar would be found where in the Periodic Table (PEER-E-ODD-TICK)? 7.PS1.5  
A. In the same column
- Q. What is the universal solvent? 7.PS1.5  
A. Water
- Q. What is the term for when a parent cell splits into two identical offspring cells? 7.LS1.7  
A. Binary Fission
- Q. What are gases which are odorless, colorless and react very little with other elements? 7.PS1.5  
A. Noble Gases
- Q. Animals basically breathe in what and exhale what? 7.LS1.9  
A. Breathe in Oxygen and exhale Carbon Dioxide
- Q. What is the term for the water movement through plants? 7.LS1.9  
A. Transpiration (pronounced TRANS-PER-RAY-SHUN)
- Q. What type of reproduction will combine the genetic material of two parents? 7.LS1.7  
A. Sexual Reproduction
- Q. What type of reproduction produces offspring identical to one parent? 7.LS1.7  
A. Asexual Reproduction
- Q. A single celled organism lacking a membrane-bound nucleus or organelles would be classified as a what? 7.LS1.7  
A. Prokaryote (pronounced PRO-CARRY-OAT)
- Q. Animals produce Carbon Dioxide during what process? 7.LS1.9  
A. Respiration



- Q. Binary fission is an example of what type of reproduction? 7.LS1.7  
A. Asexual Reproduction
- Q. The element Carbon is designated on the Periodic Table (PEER-E-ODD-TICK) as what? 7.PS1.5  
A. C
- Q. Fragmentation (Pronounced Frag-MENT-TAY-SHUN) is an example of what type of reproduction? 7.LS1.7  
A. Asexual Reproduction
- Q. What is the term for when a parent organism breaks into pieces and each piece becomes a new organism? 7.LS1.7  
A. Fragmentation (Pronounced Frag-MENT-TAY-SHUN)
- Q. What is a variant form of a given gene? 7.LS3.2  
A. An Allele (UH-LEAL)
- Q. What is a diagram that can be used to determine the probability of an offspring having a particular genotype? 7.LS3.2  
A. Punnet Square (Pronounced PUN-ET)
- Q. What is a cellular structure in an animal cell that helps organize cell division? 7.LS1.1  
A. Centriole
- Q. Toads having long sticky tongues is an example of what type of Adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Structural Adaptation
- Q. An organism whose cells have a cell nucleus and other organelles enclosed in membranes would be classified as what? 7.LS1.7  
A. Eukaryote (pronounced U-CARRY-OAT)
- Q. What is classified as an animal that is cold-blooded and is covered with scales? 7.LS1.3  
A. A Reptile
- Q. Buring wood would be an example of what kind of change? 7.PS1.5  
A. Chemical Change
- Q. Melting and ice cube would be an example of what kind of change? 7.PS1.5  
A. Physical Change
- Q. Shredding paper would be an example of what kind of change? 7.PS1.5  
A. Physical Change
- Q. What organelle within the cell is considered the brain of the cell? 7.LS1.1  
A. Nucleus
- Q. A warm-blooded animal that lives in water and breathes with lungs would be classified as a what? 7.LS1.3  
A. A mammal



- Q. Plants basically breathe in what and exhale what? 7.LS1.9  
A. Breathe in Carbon Dioxide and exhale Oxygen
- Q. What is classified as an animal that has a head, a thorax, and abdomen? 7.LS1.3  
A. An Insect
- Q. Female birds having colors that blend in more with their surroundings is an example of what type of Adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Structural Adaptation
- Q. What is classified as an animal that has hair and gives birth to their young and feeds them milk? 7.LS1.3  
A. A mammal
- Q. From a chemical standpoint how would you classify the substance NaCL (N-A-C-L)? 7.PS1.5  
A. A compound
- Q. From a chemical standpoint how would you classify the substance CO2 (C-O-2)? 7.PS1.5  
A. A compound
- Q. Candian Geese flying south in the winter is an example of what type of Adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Behavioral Adaptation
- Q. The element Potassium is designated on the Periodic Table (PEER-E-ODD-TICK) as what? 7.PS1.5  
A. K
- Q. A cheetah having long legs and a light build is an example of what type of Adaptation (ADAP-TAY-SHUN)? 7.LS1.6  
A. Structural Adaptation
- Q. What is the term for when a parent cell forms a bubble-like bud that when fully developed breaks away and forms a new organism? 7.LS1.7  
A. Budding
- Q. What is classified as an animal that is cold-blooded and breathes with gills in the water? 7.LS1.3  
A. A Fish



- Q. What is the name of the inspirational ceremony which takes place at camp right about sundown? 4HA  
A. Flag Retreat
- Q. What is the highest elected office that a 4-H member can obtain in Tennessee 4-H? 4HL  
A. State 4-H Council President (Elected at State 4-H Round-Up)
- Q. Which 4-H officer has the duty of checking the roll? 4HL  
A. The Secretary (although this is often done silently)
- Q. Which 4-H officer's main duty is to get someone to do parts of the program? 4HL  
A. The Vice-President
- Q. Any person, other than an agent, who works with 4-H members in any capacity is called a what? 4HL  
A. A 4-H Volunteer Leader
- Q. What is another term for a written record of the 4-H club meeting? 4HL  
A. The Minutes
- Q. Which 4-H officer's main duty is the writing of the minutes? 4HL  
A. The Secretary
- Q. What is the title of the person who officially heads up the 4-H program in Tennessee? 4HL  
A. State 4-H Director
- Q. Which 4-H officer's main duty is to preside over the meetings? 4HL  
A. The President
- Q. What award, given at State Round-Up, is the highest level of recognition a 4-H member in Tennessee can receive? 4HL  
A. The Vol State Award
- Q. What form must a 4-H Agent or volunteer leader have before a 4-H'er can attend an event? 4HE  
A. The 600A Form or the Angel Form
- Q. What is the name of the state-wide leadership organization designed for Sr. High 4-H'ers? 4HL  
A. 4-H All-Stars
- Q. At what 4-H event is the 4-H Governor elected? 4HL  
A. Tennessee 4-H Congress
- Q. What is the first order of business in any 4-H meeting? 4HL  
A. The President Calls the Meeting to Order.
- Q. Adults, teens, and volunteers are examples of what group of people who help agents conduct the 4-H program? 4HL  
A. Leaders
- Q. What is the name of the leadership organization designed for 7th and 8th grade 4-H'ers? 4HL  
A. 4-H Honor Club



- Q. Which 4-H officer is in charge of arranging the room for the meeting?  
A. The Vice-President 4HL
- Q. What 4-H activity deals with the learning of decision making skills?  
A. Judging Teams 4HC
- Q. What did Tennessee 4-H do to celebrate Homecoming '86?  
A. Compiled a History on Tennessee 4-H - "4-H a Tennessee Tradition" 4HH
- Q. At which State 4-H event do 4-H members act as representatives and senators?  
A. Tennessee 4-H Congress 4HA
- Q. What does the term "extemporaneous" mean as it relates to 4-H? (Pronounced X-TEMP-POUR-RAIN-EE-US)  
A. An unprepared speech (Senior members do this in addition to a prepared speech) 4HC
- Q. At what 4-H event might members go shopping at the mall and participate in a fashion show?  
A. 4-H Fashion & Design Conference 4HA
- Q. In what city is the National 4-H Center located?  
A. Washington, D.C. (Chevy Chase, Maryland) 4HA
- Q. The 4-H Clover Bowl was held for the first time in what county?  
A. Wilson County (1994) 4HH
- Q. Where does Tennessee 4-H Congress take place?  
A. Nashville 4HA
- Q. In what Tennessee city does State 4-H Electric Camp take place?  
A. Knoxville 4HA
- Q. What is the Tennessee 4-H website address?  
A. [www.utextension.utk.edu/4h](http://www.utextension.utk.edu/4h) 4HE
- Q. Which 4-H officer presides in the President's absence?  
A. The Vice-President 4HL
- Q. State 4-H winners in Leadership, Citizenship, and Public Speaking are crowned at what 4-H event?  
A. Tennessee 4-H Congress 4HA
- Q. How many 4-H regions are there in Tennessee?  
A. Three 4HL
- Q. State Academic Conference is open to 4-H members of what age group?  
A. Junior High (6th, 7th, & 8th Grades) 4HA
- Q. What is the name of the inspirational ceremony held at the end of each day at 4-H camp?  
A. Vespers 4HA





- Q. The Clyde M. York 4-H Center is located in what Tennessee town? 4HA  
A. Crossville
- Q. The Clyde Austin 4-H Center is located in what Tennessee town? 4HA  
A. Greeneville
- Q. What is the reference date used in 4-H for grade? 4HE  
A. Jan. 1st of current year
- Q. What Tennessee symbol was placed at the National 4-H Center in Washington, by Tennessee 4-H'ers in 1970? 4HH  
A. A Tulip Poplar Tree Was Planted
- Q. What is the name of the 4-H All-Star officer who serves as the secretary? 4HL  
A. The Scribe
- Q. What is the name of the inspirational ceremony which takes place at 4-H camp right after sunrise? 4HA  
A. Flag Raising
- Q. What Federal Law provided the funding for the 4-H program in the United States? 4HH  
A. The Smith-Lever Act (of 1914)
- Q. What 4-H organization was formed in 1953 to raise funds for 4-H in Tennessee? 4HH  
A. The Tennessee 4-H Foundation
- Q. Who wrote the 4-H Pledge? 4HH  
A. Otis Hall (from Kansas)
- Q. Who served the longest as State 4-H Leader in Tennessee? 4HH  
A. G.L. Herrington
- Q. What current 4-H event was named Tennessee 4-H Club Short Course in 1939? 4HH  
A. Tennessee 4-H Roundup
- Q. How were Tennessee 4-H'ers honored for their contribution to the World War II war effort? 4HH  
A. They got to name a ship (S.S. Charles A. Keffer)
- Q. What was the first state-wide 4-H event in Tennessee? 4HH  
A. State 4-H Roundup (started in 1923 originally called "State Club Camp")
- Q. At the 1970 Tennessee 4-H Congress, each county delegation brought something from their county. What was it? 4HH  
A. A soil sample (the samples were sent to help nourish the Tennessee State tree planted at the National 4-H Center)
- Q. What current 4-H event was originally named State Club Camp in 1923? 4HH  
A. Tennessee 4-H Roundup



- Q. In what state was the 4-H All-Star program first organized? 4HH  
A. West Virginia
- Q. Where did southern Middle Tennessee counties attend 4-H camp before moving to Crossville in 1960? 4HH  
A. Camp Woodlee (near McMinnville)
- Q. State 4-H Round-Up is held at two different locations in Tennessee. Name these locations. 4HH  
A. UT Knoxville and UT Martin
- Q. Which war helped to initiate the 4-H club program? 4HH  
A. World War I
- Q. What is the award given the 4-H family who has shown "exceptional participation in all phases of 4-H club work?" 4HH  
A. The Hale Master 4-H Family
- Q. What is the name of the organization that administers the 4-H program in Tennessee? 4HH  
A. UT Extension (University of Tennessee Extension)
- Q. What two organizations served as the forerunners of 4-H in Tennessee? 4HH  
A. The Tomato (girls) and Corn Clubs (boys)
- Q. What happens if there are no corrections to the minutes? 4HL  
A. They "stand approved as read"
- Q. Name the two Universities are most closely associated with the Tennessee 4-H program? 4HH  
A. University of Tennessee and Tennessee State University
- Q. Becoming a better more responsible citizen is taught in which 4-H project? 4HP  
A. Citizenship
- Q. What is the name of the official Tennessee 4-H History? 4HS  
A. 4-H: A Tennessee Tradition
- Q. In which 4-H project would you work with younger 4-H members, and learn more about parliamentary procedure? 4HP  
A. Leadership
- Q. How many projects are offered to Tennessee 4-H members? 4HP  
A. 26
- Q. Service learning is part of what 4-H project? 4HP  
A. Citizenship
- Q. Which 4-H project is generally considered to be the first one organized in Tennessee? 4HP  
A. Food Preservation (in 1912) (now part Food Science project)
- Q. What is the newest 4-H project? 4HP  
A. Computers and Technology



- Q. This is the smallest 4-H project, although this fact may "bug" some people. 4HP  
A. Entomology
- Q. What was the official name of the POW Camp, now known as Clyde M York 4-H Center? 4HH  
A. "Camp Crossville"
- Q. What is the most popular 4-H Animal Science project? 4HP  
A. Horse
- Q. What person wrote the 4-H motto? 4HH  
A. Carrie Harrison
- Q. What UT sports legend and Basketball Hall of Fame member was a 4-H member in Tennessee? 4HH  
A. Pat Head Summitt, Coach of the Lady Vols Basketball Team
- Q. In what unique way did German POW's decorate what is now the Clyde M. York 4-H Center in Crossville? 4HH  
A. They painted murals on the walls of the Rec Hall (The murals were scenes from their homeland.)
- Q. What is the title of a person employed by the University of Tennessee to conduct the 4-H program? 4HH  
A. A 4-H agent
- Q. Who is considered to be the first 4-H member in Tennessee? 4HH  
A. Mertie Hardin
- Q. What were 4-H Agents originally referred to in Tennessee? 4HH  
A. Demonstration Agents
- Q. Name the 4-H Center located in Columbia. 4HA  
A. William P Ridley 4-H Center
- Q. A 4-H Art Poster must be orientented in what direction? 4HC  
A. Horizontal or Landscaped
- Q. Which 4-H project could be defined as learning how to influence people to make some kind of change? 4HP  
A. Leadership
- Q. The 4-H emblem was adopted in what year? 4HS  
A. 1927
- Q. What is the 4-H slogan? 4HS  
A. Learn by Doing
- Q. What phrase was not part of the original 4-H pledge? 4HS  
A. "and my world"
- Q. What is the name of the inspirational part of the 4-H club meeting? 4HS  
A. Thought for the Day



- Q. When leading the 4-H Pledge and the Pledge of Allegiance, which pledge should be led first? 4HS  
A. The Pledge of Allegiance
- Q. What is the traditional date of National 4-H Week? 4HS  
A. The first full week in October
- Q. What is the All Star motto? 4HS  
A. Service
- Q. What 4-H event traditionally takes place right after Thanksgiving? 4HA  
A. National 4-H Congress
- Q. 4-H members pledge their hearts to what? 4HS  
A. Greater Loyalty
- Q. The "Tradition of the Gavel" refers to the gavel constructed by Don Bowman containing a piece of cherry wood from what original courthouse? 4HS  
A. Washington County (the oldest county in Tennessee)
- Q. 4-H members pledge their hands to what? 4HS  
A. Larger Service
- Q. What is the 4-H Emblem? 4HS  
A. A Four-Leaf Clover
- Q. What are the 4-H colors? 4HS  
A. Green and White
- Q. What is the 4-H Motto? 4HS  
A. To Make the Best Better!
- Q. 4-H members pledge their health to what? 4HS  
A. Better Living
- Q. What is the name of the medal presented in Tennessee to State 4-H winners? 4HS  
A. The Leula Lee (pronounced EYE-OOO-LA)
- Q. What are the 4 "H's"? 4HS  
A. Head, Heart, Hands, and Health
- Q. In which pledge would you face the group not the flag? 4HS  
A. The 4-H Pledge
- Q. How many adults served as 4-H Volunteers each year in Tennessee? 4HL  
A. About 15,000 (If they guess a number, it needs to be between 14,000 and 16,000.)
- Q. What was the original use of the 4-H camp at Crossville? 4HH  
A. World War II Prisoner of War Camp



- Q. According to 4-H legend, who stalks around Clyde M York 4-H Center at night looking for his lost leg? 4HH  
A. The mythical German POW "Herman the German"
- Q. In what year did the 4-H Camp at Crossville open? 4HH  
A. 1950
- Q. 4-H members in Tennessee are in a sense students at what University? 4HH  
A. The University of Tennessee
- Q. What Nashville weather man was a 4-H member from Dyer County, and emceeds the State 4-H History Bowl? 4HH  
A. Lelan Statom (Channel 5) (Pronounced LEE-LUN STATE-UM)
- Q. Compare and Contrast how the original payment for 4-H camp differed from today's? 4HH  
A. 4-H members paid in produce, such as a bushel of corn, etc.
- Q. What did Tennessee 4-H members wear to National Congress for the first time in 1947? 4HH  
A. The white sweaters with the Vol State emblem.
- Q. The 4-H Pledge was adopted in what year? 4HS  
A. 1927
- Q. What is another word used to dismiss a 4-H club meeting? 4HL  
A. Adjourn (UH JURN)
- Q. 4-H members pledge their heads to what? 4HS  
A. Clearer Thinking
- Q. At what grade in school can 4-H Honor Club members become All Stars? 4HL  
A. Current 9th Grade Members
- Q. What is the name of the collective group of officers installed at State 4-H Roundup? 4HL  
A. The State 4-H Council
- Q. What is the name of the building on the UT campus in which the State 4-H Office is located? 4HL  
A. Morgan Hall
- Q. What does TAE4-HW mean? 4HL  
A. The Tennessee Association of Extension 4-H Workers
- Q. Former 4-H members, who are students at Tennessee Tech, MTSU and the University of Tennessee, can still take part in 4-H activities through what organization? 4HL  
A. Collegiate 4-H
- Q. What 4-H symbol is copyrighted? 4HS  
A. The 4-H Clover
- Q. Which 4-H group actually has adopted a fifth "H"? 4HS  
A. The 4-H Honor Club (The "H" of course stands for Honor)



- Q. The 4-H program in Tennessee is organized and maintained by what two educational institutions? 4HH  
A. The University of Tennessee and Tennessee State University
- Q. In which 4-H contest would you actually show someone how to do something? 4HC  
A. Demonstrations
- Q. Don Bowman made what in 1948, which is handed down each year to the state 4-H Council President? 4HS  
A. The Gavel
- Q. 4-H is open to young people of what school grades? 4HE  
A. 4th through 12th Grades
- Q. What does it cost to join 4-H in Tennessee? 4HE  
A. Absolutely nothing!
- Q. In what grade is 4-H first offered? 4HE  
A. 4th Grade
- Q. What is the term for a 4th grade 4-H member? 4HE  
A. Explorer (4-H'er)
- Q. Junior 4-H members are in what grade? 4HE  
A. 5th
- Q. During what time of the year does Tennessee 4-H Congress take place? 4HA  
A. Spring
- Q. An extemporaneous speech should last no more than how many minutes? (Pronounced X-TEMP-POUR-RAIN-EE-US) 4HC  
A. 2 minutes
- Q. In which 4-H contest would you try to inform, entertain or persuade? 4HC  
A. Public Speaking
- Q. How many judging teams are offered in Tennessee 4-H? 4HC  
A. 13
- Q. In how many 4-H contests must you participate in order to be eligible for Junior 4-H camp? 4HE  
A. None
- Q. What is the purpose of the 4-H Clover Bowl in Tennessee? 4HC  
A. To acquaint 4-H members with themselves and their surrounding.
- Q. What are oral reasons? 4HC  
A. A verbal or spoken justification of why you placed a JUDGING class a certain way
- Q. The State 4-H Horse show is held each year in what Tennessee city? 4HC  
A. Shelbyville



- Q. What is the official name of the 4-H shooting sports program? 4HC  
A. Target SMART
- Q. A demonstration should last how long? 4HC  
A. Three to Five Minutes
- Q. 4-H is required to be mentioned in a speech in which age levels? 4HC  
A. Only Senior High
- Q. At what senior 4-H event would you take a college tour? 4HA  
A. State 4-H Roundup
- Q. 4-H is open to young people of what age range? 4HE  
A. Ages 9 to 19
- Q. How long does a person have to answer a Clover Bowl question after "buzzing in?" 4HC  
A. 10 seconds
- Q. In which 4-H contest would you make a "mini 4-H billboard?" 4HC  
A. The 4-H Poster Contest
- Q. The Southern Region 4-H Teen Leadership Conference is better known by what acronym? 4HA  
A. S-R-T-L-C
- Q. Where does the Southern Regional Teen Leadership Conference take place? 4HA  
A. Clyde M. York 4-H Center in Crossville
- Q. What is the most common way to earn a trip to National 4-H Congress? 4HA  
A. Be a state winner in a 4-H project
- Q. 4-H members celebrate what product each June? 4HA  
A. Milk or Dairy Products (as part of June Dairy Month)
- Q. In the 4-H Target SMART program, what does the acronym "SMART" stand for? 4HA  
A. Shotgun, Muzzleloader, Archery and Rifle Training
- Q. At which state event do members wear green 4-H sweaters as part of their official dress? 4HA  
A. Tennessee 4-H Congress
- Q. Which 4-H symbol by law cannot be covered in any way by text or graphics when printed? 4HS  
A. The 4-H Clover
- Q. What is the correct size for a 4-H poster? 4HC  
A. 14 by 22 inches
- Q. The White House, Monticello, and Mount Vernon are visited during which 4-H event? 4HA  
A. Citizenship Washington Focus



- Q. At what state 4-H event, do 4-H members participate in “Know Your Government” activities? 4HA  
A. Tennessee 4-H Congress
- Q. Where has National 4-H Congress been held since 1997? 4HA  
A. Atlanta, Georgia
- Q. Name the group of teens who promote 4-H by singing and dancing....performing most notably at Tennessee 4-H Congress. 4HA  
A. The Tennessee 4-H Performing Arts Troupe
- Q. Target SMART is held at which 4-H Center? 4HA  
A. William Ridley (Columbia)
- Q. Citizenship Focus, a national 4-H event dealing with government, takes place in what city? 4HA  
A. Washington, D.C.
- Q. At what 4-H event would you see the changing of the guard of the Unknown Soldier? 4HA  
A. Citizenship Washington Focus





- Q. What does the agriculture term TCA stand for? T5.3-5f  
A. Tennessee Cattleman's Association
- Q. What farm animal farrows its young? T2.3-5d  
A. Swine or hogs
- Q. A female hatchling chicken is called a what? T2.3-5d  
A. Pullet
- Q. Which state produces the most cotton? T5.3-5e  
A. Texas (The Cotton Bowl!)
- Q. Which southern state has the most State Forests? T5.3-5e  
A. Tennessee
- Q. Which state produces the most hogs? T5.3-5e  
A. Iowa
- Q. Which state produces the most wheat? T5.3-5e  
A. Kansas (America's breadbasket)
- Q. What is the term used to describe the rapid movement of soil and rock in response to gravity? T1.3-5e  
A. A landslide
- Q. What state produces the most corn? T5.3-5e  
A. Iowa
- Q. Name my AG Career: I shoe horses. T5.3-5b  
A. Farrier
- Q. What is the term for the natural breaking-down of rocks? T1.3-5e  
A. Weathering
- Q. What milk processor in Athens, Tennessee has had their ice cream ranked "one of the best in the world" by TIME Magazine? T3.6-8i  
A. Mayfield Dairy Farms
- Q. What grand division of the state has the most beef cattle? T2.3-5d  
A. Middle
- Q. What are Rat-L-Traps, Jitterbugs, and Rooster Tails? T1.6-8c  
A. Artificial fish baits
- Q. Arabian, Belgian, and Morgan are breeds associated with what species of animal? T2.3-5d  
A. Horses
- Q. A cross between a domesticated beef animal and the American Bison is called what? T2.3-5d  
A. Beefalo



- Q. What is the most common term for a female goat?  
A. Doe T2.3-5d
- Q. What does it mean for an animal to be polled?  
A. No horns T2.3-5d
- Q. What are the only insects that produce food for humans?  
A. Honeybees T4.6-8f
- Q. What does TWRA stand for?  
A. Tennessee Wildlife Resources Agency T5.3-5f
- Q. What Tennessee county is renowned for its orchards and nurseries?  
A. Warren County T3.6-8i
- Q. Name my AG Career: I design new equipment to be used in farming and agriculture?  
A. AG. Engineer T5.3-5b
- Q. People from what country are largely responsible for the spread of domesticated horses world-wide?  
A. Egypt T4.6-8a
- Q. What percentage of Potassium is contained in a 100 pound bag of 6-12-12 fertilizer?  
A. 12 percent T2.6-8c
- Q. This is the measure of density of a forest stand.  
A. Basal Area Factor (pronounced BASE-UL) T3.6-8i
- Q. What is the Tennessee state agricultural insect?  
A. Honeybee T4.6-8f
- Q. Which Grand Division of Tennessee produces the most hogs?  
A. West Tennessee T3.6-8i
- Q. What Grand Division of Tennessee produces the most Corn?  
A. West Tennessee T3.6-8i
- Q. Why is UT Extension called the Cooperative Extension Service?  
A. Cooperation between Federal, State, and County governments T5.3-5f
- Q. What grand division of the state has the most Dairy Cattle?  
A. East T3.6-8i
- Q. What is found in some soils that stop root depth and effect homesite selection?  
A. Bedrock T1.3-5e
- Q. Where is the largest pecan tree in the world located?  
A. Natchez Trace State Park T3.6-8i



- Q. Which Grand Division of Tennessee produces the most alfalfa?  
A. Middle T3.6-8i
- Q. What crop in Tennessee is referred to as "White Gold?"  
A. Cotton T3.6-8i
- Q. Which grand division of the state depends the most on the row crop part of Agriculture?  
A. West Tennessee T3.6-8i
- Q. What Grand Division of Tennessee grows the most cotton?  
A. West Tennessee T3.6-8i
- Q. Tennessee ranks number one in the country in the production of what wooden item?  
A. Pencils T3.6-8i
- Q. What does the term "marbling" mean as it relates to meat?  
A. Amount of fat within the meat T3.6-8g
- Q. Which county in Tennessee has the highest population of horses in the state?  
A. Rutherford County T3.6-8i
- Q. What western mammal has drifted into Tennessee causing much alarm to farmers?  
A. Coyote T1.3-5a
- Q. A female hog before she has pigs is called a what?  
A. Gilt T2.3-5d
- Q. What does organic matter help build in a soil?  
A. Topsoil T1.3-5e
- Q. What is the term for growing a plant in a water medium?  
A. Hydroponic T4.3-5d
- Q. What are the thick deposits of windblown soil found in West Tennessee called?  
A. Loess (pronounced L-UH-SSS) T1.3-5e
- Q. What does the agriculture term "outcrops" refer to?  
A. Large rocks sticking up out of the ground hindering cultivation of the land T1.3-5e
- Q. What is the proper name for a single freshwater shrimp?  
A. Prawn T1.3-5a
- Q. Why do mice constantly gnaw on something?  
A. Because their teeth never stop growing T1.3-5a
- Q. What is the name of the feed that is highest in energy content?  
A. Corn T1.3-5e



- Q. What is the largest rodent found in Tennessee? T1.3-5a  
A. The beaver (also the largest in North America)
- Q. What is the family of plants containing watermelons, squash, and cucumbers? T1.3-5e  
A. Cucurbits (CUE- CURB- ITS)
- Q. How is the majority of livestock sold in the United States? T2.3-5d  
A. Public Auction
- Q. What is the agriculture term for a round bale of hay in a big plastic bag? T4.3-5d  
A. Haylage (Pronounced HAY LIJ)
- Q. A plant that sprouts as a single leaf is called? T1.3-5e  
A. Monocot
- Q. Name my AG Career: I study better ways to manage fish in ponds, streams and even oceans. T5.3-5b  
A. Fish Biologist
- Q. Name my AG Career: I study plants and the numerous ways they can be cultivated and utilized. T5.3-5b  
A. Agronomist
- Q. Name my AG Career: I work for USDA and I map soils and intrepret their productivity. T5.3-5b  
A. Soil Scientist
- Q. Name my AG Career: I maintain trees and shrubs by trimming and pruning them. T5.3-5b  
A. Arborist (R-BOAR-IST)
- Q. Name the two types of foxes found in Tennessee. T1.3-5a  
A. Red Fox and Gray Fox
- Q. What do the letters USDA mean? T5.3-5f  
A. United States Department of Agriculture
- Q. What kind of college was formed to study Agriculture, and was funded by the sale of western lands given each state by the federal government? T5.3-5f  
A. Land-Grant University
- Q. What soils are a mixture of clay, silt, and sand making them easy to cultivate? T1.3-5e  
A. Loams or Loamy Soils
- Q. Which state produces the most milk? T2.3-5d  
A. Wisconsin (America's Dairyland!)
- Q. What crop has the most harvested acres in Tennessee? T1.3-5e  
A. Hay
- Q. Of the three types of soil, Sand, Silt and Clay, which one is the stickiest? T1.3-5e  
A. Clay



- Q. What is the official sport fish of Tennessee?  
A. Largemouth bass T1.3-5a
- Q. Aquaculture is the science of producing what product?  
A. Fish T1.3-5a
- Q. What is the Tennessee state butterfly?  
A. Zebra Swallowtail T4.6-8f
- Q. What is the term used to describe the loss of topsoil?  
A. Erosion T1.3-5e
- Q. What Mexican insect spread into the southeastern U.S. causing millions of dollars in damages to cotton crops?  
A. Boll Weevil T4.6-8f
- Q. What type of plant can produce its own nitrogen?  
A. Legume T1.3-5e
- Q. Name my AG Career: I specialize in home gardens and flowering plants.  
A. Horticulturalist T5.3-5b
- Q. What farm animal is most susceptible to pseudorabies (pronounced SUE-DOE-RAY-BEES)?  
A. Swine or Hogs T2.3-5d
- Q. What major crop, grown mainly in Arkansas and Louisiana, is grown in a flooded field?  
A. Rice T5.3-5e
- Q. What is the name of the stomach in cows, sheep and goats that is responsible for them being able to eat and live on hay and grasses?  
A. Rumen T2.3-5d
- Q. Name the country where the Clydesdale originated.  
A. Scotland T2.3-5d
- Q. What is another name for grain sorghum?  
A. Milo T1.3-5e
- Q. Where in Tennessee does the nation's largest population of bald eagles winter?  
A. Reelfoot Lake T1.3-5a
- Q. What official heads up the USDA?  
A. The Secretary of Agriculture T5.3-5f
- Q. Leather is a by-product from what agricultural industry?  
A. Cattle (both Beef and Dairy) T2.3-5d
- Q. What is the term for the soft furry covering on a deer's antlers?  
A. Velvet T1.3-5a



- Q. A wide stripe down the face of a horse would be called a what? T2.3-5d  
A. A Blaze
- Q. In what structure is silage stored? T4.3-5a  
A. Silo
- Q. What is the most common grass found in Tennessee? T1.3-5e  
A. Fescue
- Q. What crop do we use to produce margarine? T1.3-5e  
A. Soybeans
- Q. What farm group not only serves as an insurance agency, but also a nationwide farm lobby? T5.3-5f  
A. Farm Bureau
- Q. The wool from one sheep is called what? T2.3-5d  
A. Fleece
- Q. Who enforces the sale of Tennessee Game and Fishing Licenses? T5.3-5f  
A. TWRA (Tennessee Wildlife Resources Agency)
- Q. How many times is a dairy cow milked each day? T2.3-5d  
A. Two times
- Q. In what town is the Tennessee Department of Agriculture located? T5.3-5f  
A. Nashville
- Q. Where does the University of Tennessee test new varieties and farming procedures? T5.3-5f  
A. UT AG Research Centers (would also accept Experiment Stations)
- Q. What are you doing if you dock a sheep's tail? T2.3-5d  
A. Cutting it off
- Q. The Red Cedar is in reality what type of tree? T1.6-8c  
A. Juniper
- Q. What is the general term for the working in an industry that is sustainable, renewable and contributes to the quality of the environment? T1.6-8c  
A. "green" industry
- Q. What is the most valuable tree in Tennessee's forests? T1.6-8c  
A. Black Walnut (Used in furniture making)
- Q. What was the first crop raised by settlers in Middle Tennessee? T4.6-8a  
A. Corn
- Q. In Tennessee what do the letters TDA stand for? T5.3-5f  
A. Tennessee Department of Agriculture



- Q. When Tennessean William Haskell Neal produced Neal's Paymaster corn, what was the new variety's great advantage? T4.3-5c  
A. Two ears per stalk as compared to one ear on the old varieties
- Q. In what complex is the Tennessee Department of Agriculture located? T5.3-5f  
A. Ellington Agricultural Center in Nashville
- Q. What does a Hognose Snake do when it is threatened? T1.3-5a  
A. Plays dead
- Q. What is the term used to describe the last possible date a particular area can expect a killing frost? T4.3-5d  
A. Frost free date
- Q. What is the advantage of Jersey dairy cattle over the Holstein breed? T2.3-5d  
A. Higher amount of butterfat in the milk
- Q. What is the average life span for a horse? T2.3-5d  
A. 25 years
- Q. What are the most efficient farm animals in terms of pounds of gain to pounds of feed? T2.3-5d  
A. Chickens or Poultry
- Q. What pigs are bought small and then fed to market weight? T2.3-5d  
A. Feeder pig
- Q. What abundant resource in Tennessee makes beef cattle production profitable? T1.3-5e  
A. Pasture
- Q. What is the official state game bird of Tennessee? T1.3-5a  
A. Bobwhite quail
- Q. What percentage of Phosphorous is contained in a 50 pound bag of 6-12-12 fertilizer? T2.6-8c  
A. 12 percent
- Q. What is the art of riding horseback called? T2.3-5d  
A. Horsemanship
- Q. How much does a bale of cotton weigh? T4.3-5a  
A. 480 pounds
- Q. What part of a horse bridle fits in the horse's mouth? T4.3-5a  
A. The bit
- Q. What fish is generally the goal of a day of fly casting? T1.3-5a  
A. Trout
- Q. What part of the dairy cow holds and stores the milk? T2.3-5d  
A. Udder



- Q. What is the term for the group of baby pigs a sow has?  
A. Litter T2.3-5d
- Q. What is the most popular breed of dairy cattle?  
A. Holstein T2.3-5d
- Q. What does the animal nutritional term TDN stand for?  
A. Total Digestible Nutrients T4.3-5d
- Q. What invasive insect which resembles a small June bug, preys on Tennessee's fruit trees?  
A. The Japanese Beetle T4.6-8f
- Q. The average rainfall for Tennessee would be about how many inches per year?  
A. About 50 inches per year T1.6-8c
- Q. What trees have a pome?  
A. Apple Tree or Pear Tree T1.6-8c
- Q. What type of crop is grown simply to conserve and develop the soil?  
A. A "cover" crop T1.6-8c
- Q. What is defined as the wise use of natural resources over time?  
A. Conservation T1.6-8c
- Q. What "popular" Tennessee tree is really a magnolia?  
A. Tulip poplar T1.6-8c
- Q. One square foot of lumber one inch thick is the definition of what measurement?  
A. Board Foot T3.6-8i
- Q. How many frost-free days are required to grow cotton?  
A. 200 T1.6-8c
- Q. What does the term forage crop mean?  
A. A crop providing roughage (Pasture, Hay, and Silage) T1.6-8c
- Q. What family of insects causes farmers the most economic loss?  
A. Lepidoptera (moth and butterflies) (pronounced LEP UH DOP TUH RA) T4.6-8f
- Q. In what month do the dogwood trees usually bloom in Tennessee?  
A. April T1.6-8c
- Q. What pest has attacked and destroyed many acres of pine trees in Tennessee?  
A. Southern Pine Beetle T4.6-8f
- Q. What noisy insect becomes a pest in the state about every thirteen years?  
A. Cicada (pronounced sa-k-dah) T4.6-8f





- Q. How many pounds of honey does a typical bee hive produce in a year?  
A. More than 400 lbs T4.6-8f
- Q. What is the forest insect which spreads its range by hitchhiking on recreational vehicles?  
A. Gypsy Moth T4.6-8f
- Q. What are the two state insects of Tennessee?  
A. Firefly and the Lady Bug T4.6-8f
- Q. What stinging insect has invaded southern Tennessee recently?  
A. Fire Ant T4.6-8f
- Q. Caterpillars are the larvae for what type of insect?  
A. Butterflies or Moths (either is correct) T4.6-8f
- Q. Interspersion (pronounced EN-TER-SPUR-ZHUN) is necessary for many small animals such as quail and rabbit. What is interspersion?  
A. Mixing of food and cover T1.6-8c
- Q. What is applied to soil to increase soil nutrients and crop yield?  
A. Fertilizer T2.6-8c
- Q. What is the principle ingredient in the insecticide DiPel or BT?  
A. Bacteria (an organic pesticide) T2.6-8c
- Q. Lady bugs are beneficial insects because they prey on what farm pest?  
A. Aphids T2.6-8c
- Q. What percentage of Nitrogen is contained in a 50 pound bag of 6-12-12 fertilizer?  
A. Six percent T2.6-8c
- Q. Why would you use a fungicide?  
A. Kill a fungus or blight T2.6-8c
- Q. Why would you use a herbicide?  
A. To kill weeds T2.6-8c
- Q. What type of gardening uses no chemical pesticides?  
A. Organic Gardening T2.6-8c
- Q. What is an invasive species?  
A. An organism not native to an area T2.6-8c
- Q. What type of tree is most prevalent on the summit of Clingman's Dome?  
A. Fraser Fir T1.6-8c
- Q. What is mixed in soil to raise the pH?  
A. Lime T2.6-8c



- Q. What is meant by a milk deficit state? T5.3-5e  
A. Consume more milk than it produces
- Q. How many state forests does Tennessee have? T1.6-8c  
A. 15
- Q. What is the natural process by which pond or lake water circulates? T1.6-8c  
A. Turnover
- Q. What is the term for plowing or cultivating around the hill as opposed to up and down? T1.6-8c  
A. Farming on the Contour
- Q. What is the term used to describe the change of plant species on a piece of ground over a period of years? T1.6-8c  
A. Plant Succession
- Q. What introduced weed is known as the vine that ate the south? T2.6-8c  
A. Kudzu (pronounced CUD ZOO)
- Q. What is the most popular Christmas tree grown in Tennessee? T1.6-8c  
A. White Pine
- Q. What does it mean for a tree to be tolerant? T1.6-8c  
A. It means it will grow fairly well in shade.
- Q. What does the agriculture term IPM stand for? T2.6-8c  
A. Integrated Pest Management
- Q. Where would you find an A, B, and C horizon? T1.3-5e  
A. In a soil profile
- Q. Tennessee's Institute of Agriculture is an important part of what university? T5.3-5f  
A. The University of Tennessee
- Q. Name my AG Career: I work for the state of Tennessee and I protect and conserve wildlife? T5.3-5b  
A. Wildlife Officer or Game Warden
- Q. What is defined as an agent or chemical used to destroy pests? T1.3-5e  
A. Pesticides
- Q. Which one of Tennessee's forage grasses is infected with an "Endophyte Fungus?" T1.3-5e  
A. Fescue
- Q. Which soil characteristic is the most important to know when putting in a septic system? T1.3-5e  
A. The percolation rate or "Perc Rate" (how fast liquid can travel or perc through the soil)
- Q. Sheep produce what kind of meat? T2.3-5d  
A. Lamb or mutton



- Q. What is meant by the word gestation? T2.3-5d  
A. Length of pregnancy
- Q. A sirloin steak comes from what area of the animal? T2.3-5d  
A. Hip
- Q. Name my AG Career: I work for UT, but I work with people in a county helping them with all things Agriculture. T5.3-5b  
A. Extension AG Agent
- Q. What are we doing when we are irrigating (Pronounced EAR-UH-GATE-ING) a field? T4.3-5d  
A. Watering the field
- Q. What is the most fertile part of the soil? T1.3-5e  
A. Topsoil
- Q. Name my AG Career: I am a person entrusted with the protection and preserving of a parkland...particularly as it relates to trees? T5.3-5b  
A. Forest Ranger



- Q. What is the highest ranking elected official in Tennessee? 8.90  
A. The Governor
- Q. What Amendment to the US Constitution banned the payment of any debt owed by the Confederate government? 8.90  
A. The 14 Amendment
- Q. What branch of government enforces the laws? 8.33  
A. Executive
- Q. Which branch of government is responsible for signing bills into law? 8.33  
A. The Executive Branch
- Q. What does the word Posterity (PAHS-STAIR-UH-TEE) in the Preamble mean? 8.33  
A. future generations of people
- Q. What is the fewest electoral votes any state has? 8.33  
A. 3 (seven states and DC have three)
- Q. Who was President when the 13th Amendment to the US Constitution was ratified? 8.90  
A. Andrew Johnson
- Q. What was the "Three-Fifths" Compromise in the US Constitution? 8.90  
A. Counted slaves at a 3/5 proportion in the population
- Q. How long did the Tennessee Constitution Convention of 1870 last? 8.90  
A. 39 Days
- Q. What was the purpose of the 13th Amendment to the US Constitution? 8.90  
A. to Abolish Slavery in America
- Q. How often do members of the Tennessee Supreme Court face a yes-no vote? 8.90  
A. Every 8 years
- Q. Freedom to peaceably assemble is ensured in what US Constitutional Amendment? 8.33  
A. 1st Amendment
- Q. Freedom of the press is ensured in what US Constitutional Amendment? 8.33  
A. 1st Amendment
- Q. What two groups of people were of concern when it came to voting rights at the 1870 Tennessee Constitution Convention? 8.90  
A. Former Confederates and former slaves
- Q. When a person "takes the 5th" it means he doesn't have to do what? 8.33  
A. Testify against himself in a court of law
- Q. Freedom of the Press is ensured in what US Constitutional Amendment? 8.33  
A. 1st Amendment



- Q. How many state representatives serve in the Tennessee General Assembly? 8.90  
A. 99
- Q. What Amendment to the US Constitution guaranteed the right to vote regardless of race or color? 8.90  
A. The 15 Amendment
- Q. What Amendment to the US Constitution prohibits states from discriminating against particular groups of citizens? 8.90  
A. The 14 Amendment
- Q. What Amendment to the US Constitution guaranteed that all male citizens over 21 had the right to vote? 8.90  
A. The 14 Amendment
- Q. The Right to Petition the Government is ensured in what US Constitutional Amendment? 8.33  
A. 1st Amendment
- Q. Which article of the US Constitution defines the sovereignty of the United States? (SOV-URN-TEE) 8.33  
A. Article 6
- Q. Which Article of the US Constitution outlines how to make changes and updates to the document? 8.33  
A. Article 5
- Q. What title is conferred upon the leader of the U.S. House of Representatives? 8.33  
A. Speaker of the House
- Q. Any proposed amendment to the US Constitution must have at least how many votes in the senate in order to move forward? 8.33  
A. 67 votes (2/3 of 100)
- Q. Article 1 designates that all US Senators must be what age before taking office? 8.33  
A. 30 years of age
- Q. What is literally the "Highest Court in the Land?" 8.33  
A. The Supreme Court
- Q. What do you call a group of citizens called together to hear a legal case? 8.33  
A. Jury
- Q. What branch of government interprets the laws? 8.33  
A. Judicial
- Q. What branch of government ratifies treaties with other nations? 8.33  
A. The US Senate
- Q. Confirming cabinet members and supreme court nominees are ways that the Senate "checks and balances" the power of what other branch of government? 8.33  
A. The Executive Branch



- Q. What Amendment to the US Constitution prevented any state from prohibiting any of its residents the full privileged of American citizenship? 8.90  
A. The 14 Amendment
- Q. Striking down an unfair law would be one way the Supreme Court "checks and balances" the power of what other branch of government? 8.33  
A. The Legislative Branch
- Q. What Amendment to the US Constitution banned paying slave-owners for the loss of their slaves? 8.90  
A. The 14 Amendment
- Q. Which Article defined how many states had to ratify the US Constitution in order for it to go into effect? 8.33  
A. Article 7
- Q. What does the constitutional term "ratify" mean? 8.33  
A. to give formal consent to
- Q. What Amendment to the US Constitution guaranteed full citizenship to anybody born on American soil? 8.90  
A. The 14 Amendment
- Q. Having soldiers quartered in your home during peacetime is prohibited by what US Constitutional Amendment? 8.33  
A. 3rd Amendment
- Q. Being able to cross examine your accuser during a court case is guaranteed by what US Constitutional Amendment? 8.33  
A. 6th Amendment
- Q. What Amendment to the US Constitution limited the ability of former Confederate leaders to hold federal office? 8.90  
A. The 14 Amendment
- Q. What Amendment to the US Constitution shut down the Jack Daniels Distillery in Lynchburg, Tennessee? 8.90  
A. The 18 Amendment
- Q. To enfranchise all the people in Tennessee and reorganize the judiciary were the two great issues of what? 8.90  
A. The Tennessee Constitution Convention of 1870
- Q. What does the term enfranchise mean? 8.90  
A. Give The right to vote
- Q. Nominating justices to the Supreme Court is one way the President "checks and balances" the power of what other branch of government? 8.33  
A. The Judicial Branch



- Q. How old do you have to be in order to run for governor of the State of Tennessee? 8.90  
A. 30
- Q. Freedom to speedy trial is ensured in what US Constitutional Amendment? 8.33  
A. 7th Amendment
- Q. What is the term of office for Tennessee's governor? 8.90  
A. Four years
- Q. What is the term of office for a Tennessee State Senator? 8.90  
A. Four (4) years
- Q. How many votes do you need to pass a bill on the floor of the Tennessee State House? 8.90  
A. 50
- Q. What vote does it take to override a governors veto in Tennessee? 8.90  
A. A simple majority vote of the legislature
- Q. How many Congressional districts does Tennessee have? 8.90  
A. 9
- Q. What is the title of someone who is in charge of one of the departments of Tennessee State government? 8.90  
A. Commissioner
- Q. What is the name of the official manual of Tennessee State Government? 8.90  
A. Tennessee Blue Book
- Q. How many justices serve on the Tennessee State Supreme Court? 8.90  
A. 5
- Q. In Tennessee, if the governor dies in office, who becomes governor? 8.90  
A. The Lieutenant Governor
- Q. How many votes do you need to pass a bill on the floor of the Tennessee State Senate? 8.90  
A. 17
- Q. What is the only type of legal case that the Tennessee Supreme Court must hear? 8.90  
A. Death penalty cases
- Q. In Tennessee, who has the duty in each county of determining the value of land for tax purposes? 8.90  
A. Assessor (or Assessor of Property) Pronounced UH SESS OR
- Q. Who is the chief law enforcement officer and lawyer for the state of Tennessee? 8.90  
A. The State Attorney General
- Q. What is the judicial term for abstaining from participating in a legal proceeding because of a conflict of interest in the case? 8.90  
A. Recuse (REE-CEWS)



- Q. Who appoints the Tennessee Attorney General? 8.90  
A. The Tennessee Supreme Court
- Q. Laws designed to separate and limit full rights to black citizens are referred to as what? 8.90  
A. Jim Crow Laws
- Q. Having to take a test in order to become a registered voter was an example of what type of law? 8.90  
A. Jim Crow Laws
- Q. Having separate water fountains for black and white citizens was an example of what type law? 8.90  
A. Jim Crow Laws
- Q. Having separate schools for black and white children was an example of what type law? 8.90  
A. Jim Crow Laws
- Q. According to the Tennessee Constitution, what body must convene in all three grand divisions of the state? 8.90  
A. The Tennessee Supreme Court
- Q. What is another name for the Speaker of the Tennessee State Senate? 8.90  
A. Lieutenant Governor
- Q. Confirming cabinet members and supreme court nominees are ways that The Senate "checks and balances" the power of what other branch of government? 8.33  
A. The Executive Branch
- Q. What particular group of people did the 14th Amendment seek to protect? 8.90  
A. Recently Freed Slaves
- Q. What Amendment to the US Constitution guaranteed equal protection under the law? 8.90  
A. The 14 Amendment
- Q. What Amendment to the US Constitution prohibiting states from passing unfair laws? 8.90  
A. The 14 Amendment
- Q. Section 2 of Article 1 of the US Constitution deals with what part of government? 8.33  
A. The US House of Representatives
- Q. Cruel and unusual punishment is prohibited by what US Constitutional Amendment? 8.33  
A. 8th Amendment
- Q. How long did the 1870 Tennessee Constitution last before being modified? 8.90  
A. 83 years (According to the Blue Book this is some sort of a world record)
- Q. What Amendment repealed the "Three-Fifths" clause in the US Constitution? 8.90  
A. The 14 Amendment
- Q. The right to bear arms is ensured in what US Constitutional Amendment? 8.33  
A. 2nd Amendment





- Q. Being tried two times for the same crime is prohibited by what US Constitutional Amendment? 8.33  
A. 5th Amendment
- Q. According to the Tennessee Constitution, what is the most Supreme Court Judges any Grand Division of the state may have? 8.90  
A. 2
- Q. The right to an attorney for any accused person is guaranteed by what US Constitutional Amendment? 8.33  
A. 7th Amendment
- Q. Unreasonable searches and seizures is prohibited by what US Constitutional Amendment? 8.33  
A. 4th Amendment
- Q. The 7th Amendment to the US Constitution guarantees the right to a jury trial in any civil suits involving at least how much money? 8.33  
A. \$20
- Q. Which Amendment acts to ensure individuals are afforded fundamental rights even if not mentioned in the US Constitution? 8.33  
A. 9th Amendment
- Q. Which Amendment ensures that the Federal Government has only powers delegated to it by the Constitution, with all other powers reserved for the states? 8.33  
A. 10th Amendment
- Q. The US Secretary of State is part of which branch of government? 8.33  
A. The Executive Branch
- Q. The US Speaker of the House is part of which branch of government? 8.33  
A. The Legislative Branch
- Q. Members of the US Military are technically members of what branch of government? 8.33  
A. The Executive Branch
- Q. How many electoral votes are allocated to Tennessee? 8.33  
A. Eleven (11)
- Q. What document starts with these words "Whereas, the people of the territory of the United States south of the River Ohio..."? 8.90  
A. The Tennessee State Constitution
- Q. What is the highest court in Tennessee? 8.90  
A. The Tennessee Supreme Court
- Q. What was the "Three-Fifths" Compromise in the US Constitution? 8.31  
A. Counted slaves at a 3/5 proportion in the population
- Q. Who serves as the Speaker of the United States Senate? 8.33  
A. The Vice-President of the United States (Would accept the actual person)



- Q. What was the true impact of the Great Compromise at the Constitutional Convention? 8.31  
A. Two Houses of Government (House and a Senate)
- Q. What does it take to override a Presidential Veto? 8.33  
A. two-thirds majority (2/3) vote in both Houses.
- Q. Article 1 designates that all US Representatives must be what age before taking office? 8.33  
A. 25 years of age
- Q. When the President chooses not to sign a bill passed by Congress, this presidential act is called what? 8.33  
A. A Veto (pronounced VEE-TOE)
- Q. According to Article 7, how many states had to ratify the Constitution in order for it to go in effect? 8.33  
A. 9 states
- Q. What vote is required for the US House and Senate to have in order to pass a bill? 8.33  
A. Simple Majority of members present
- Q. What document was the precursor to the US Constitution in America? 8.30  
A. The Articles of Confederation
- Q. The Amendment process is outlined in what Article of US Constitution? 8.33  
A. Article 5
- Q. What was proposed to blend the Virginia and the New Jersey plan into The US Constitution? 8.31  
A. The Great Compromise
- Q. What is the introductory statement of the US Constitution outlining its fundamental and guiding principles? 8.33  
A. The Preamble
- Q. What part of the US Constitution answers the questions as to why we are doing this and who we are doing it for? 8.33  
A. The Preamble
- Q. What is a simple definition of the Constitutional term Article? 8.33  
A. Part
- Q. The freedoms of speech, religion, and the press, as well as the right to assemble, are outlined in which amendment to the U.S. Constitution? 8.33  
A. 1st Amendment
- Q. The United States Supreme Court has how many justices? 8.33  
A. 9 including the Chief Justice
- Q. Who presided over the Constitutional Convention in 1787? 8.31  
A. George Washington



- Q. What happens if a vote is tied in the US Senate? 8.33  
A. The Vice-President breaks the tie
- Q. How many United States Senators does each state have? 8.33  
A. Two (2)
- Q. During what war was the 13th Amendment to the US Constitution passed? 8.90  
A. The Civil War
- Q. Which Article of the US Constitution defines the method by which new states are admitted into the Union? 8.33  
A. Article 4
- Q. Freedom of Religion can be found in what amendment? 8.33  
A. 1st Amendment
- Q. What principal within our US Constitution divides the influence among different entities within our Government? 8.33  
A. Separation of Powers
- Q. Who leads the Supreme Court of the United States? 8.33  
A. The Chief Justice
- Q. What branch of government deals mainly with the creation of laws? 8.33  
A. The Legislative Branch
- Q. Which early government document failed to provide for a head of state? 8.30  
A. The Articles of Confederation
- Q. What describes how each branch of government limits and shares powers with the other branches? 8.33  
A. Checks and Balances
- Q. What is the term of office for a United States Representative? 8.33  
A. Two years
- Q. How many amendments make up the Bill of Rights? 8.32  
A. 10
- Q. What are the first ten amendments to the US Constitution called? 8.32  
A. The Bill of Rights
- Q. Founding fathers who were opposed to a strong central government were referred to as what? 8.32  
A. Anti-Federalists
- Q. What was ratified and went into effect on March 1, 1781? 8.30  
A. The Articles of Confederation
- Q. Founding fathers who were in favor of a strong central government were referred to as what? 8.32  
A. Federalists



- Q. What is the most electoral votes any state has? 8.33  
A. California has 55
- Q. What branch of government determines if a law is unconstitutional? 8.33  
A. The Judicial Branch
- Q. After a proposed amendment clears both the House and Senate, how many states have to ratify it in order for it to become law? 8.33  
A. three-fourths or 38 of the 50 states.
- Q. Article 2 of the US Constitution defines what branch of government? 8.33  
A. The Executive Branch
- Q. Article 1 of the US Constitution defines what branch of government? 8.33  
A. The Legislative Branch
- Q. Section 4 of Article 2 defines what action that can be taken against a sitting President for actions such as Treason or Bribery? 8.33  
A. Impeachment
- Q. Which Article of the US Constitution outlines the powers of Vice-President? 8.33  
A. Article 2
- Q. Which part of Congress is referred to sometimes as the 'Lower Chamber?' 8.33  
A. The US House of Representatives
- Q. Which Article of the US Constitution includes the President's Oath of Office? 8.33  
A. Article 2
- Q. Which part of Congress is referred to sometimes as the 'Upper Chamber?' 8.33  
A. The US Senate
- Q. Which Article of the US Constitution outlines trial by Jury in the State where the crime was committed? 8.33  
A. Article 3
- Q. Which Article of the US Constitution promises to protect all states from invasion by a foreign power or entity? 8.33  
A. Article 4
- Q. The President's State of the Union Address is mandated in Section 3 of what Article of the Constitution? 8.33  
A. Article 2
- Q. With the exception of a veto, what is the final act in a bill becoming law as outlined by the US Constitution? 8.33  
A. The President sign's it into Law.



- Q. Any proposed amendment to the US Constitution must pass by what margin in both chambers of government? 8.33  
A. two-thirds majority (2/3)
- Q. Which state has the largest number of US Representatives? 8.33  
A. California (53)
- Q. What is the term used to describe the process of how seats are distributed among states in the US House of Representatives? 8.33  
A. Apportion or Apportionment (UH-PORE-SHUN or UH-PORE-SHUN-MUNT )
- Q. Which Article of the US Constitution outlines the powers of Congress? 8.33  
A. Article 1
- Q. Which Article of the US Constitution outlines the powers of President? 8.33  
A. Article 2
- Q. Which Article of the US Constitution outlines the powers of Supreme Court? 8.33  
A. Article 3
- Q. Which Article of the US Constitution outlines and defines the Electoral College? 8.33  
A. Article 2
- Q. Section 3 of Article 1 of the US Constitution deals with what part of government? 8.33  
A. The US Senate
- Q. According to Article 4 of the US Constitution, you can't commit a crime in one state and do what? 8.33  
A. Flee or hide in another state.
- Q. According to the US Constitution, what two entities of the Government must work together in order to make a treaty with a foreign power? 8.33  
A. The Office of the President and The US Senate
- Q. According to Article 2 of the US Constitution, a person has to be a natural born US Citizen in order to hold what office? 8.33  
A. President of the United States
- Q. According to Article 2 of the US Constitution, how old must a person be to run for President? 8.33  
A. 35 Years of Age
- Q. How many electoral votes does it take to be elected President of the United States? 8.33  
A. 270 (as of 2008)
- Q. Who presides over the US House of Representatives? 8.33  
A. The Speaker of the House
- Q. What is the fewest number of US Representatives that any state has in Congress? 8.33  
A. 1 (Seven states just have 1)



- Q. Article 3 of the US Constitution defines what branch of government? 8.33  
A. The Judicial Branch
- Q. What is the term of office for a United States Senator? 8.33  
A. Six years
- Q. What is the approximate size, in population, of a US Congressional District? 8.33  
A. 700,000 people
- Q. Which Article of the US Constitution outlines the crime of Treason? 8.33  
A. Article 4
- Q. Which House of Congress includes Territories and the District of Columbia, but in a non-voting capacity? 8.33  
A. The US House of Representatives
- Q. Which Article of the US Constitution dictates that no religious affiliation or lack thereof is required to hold public office in the United States? 8.33  
A. Article 6
- Q. How do you determine a state's electoral votes? 8.33  
A. By adding the number of US Representatives and Senators.



- Q. What does the term linear mean? VA 2.1  
A. Consisting of lines
- Q. In sewing, what is pivoting? VA 2.1  
A. Turning a corner
- Q. If you add black to a color to make it darker, you are changing the color's what? VA 2.1  
A. Shade
- Q. What is the photographic term for taking a picture with no flash? VA 2.3  
A. Existing light photography
- Q. What kind of paint is made of powder mixed with glue and water? VA 1.2  
A. Tempera
- Q. What color is defined as a pale or light purple? VA 2.1  
A. Lavender or Lilac
- Q. What is the type of craft where you paint on a wooden surface? VA 1.3  
A. Tole Painting
- Q. What is the tool with a sharp point and a small blade that is used to remove stitches from fabric? VA 1.1  
A. Seam Ripper
- Q. What term refers to the brightness or dullness of a color? VA 2.3  
A. Intensity
- Q. The color teal is defined as what? VA 2.1  
A. Dark greenish blue
- Q. What is made by putting many motifs together? VA 2.3  
A. Pattern
- Q. What are colors called that are opposite each other on the color wheel? VA 2.1  
A. Complementary or Contrasting
- Q. What does the size of the lens opening of a camera effect? VA 1.1  
A. Depth of field in focus
- Q. Sewing items needed to finish a project such as buttons, zippers, thread and snaps are also known as what? VA 1.1  
A. Notions
- Q. What is a combination of colors that lie next to each other on the color wheel called? VA 2.1  
A. Analogous or Related (UH-NAL-UH-GUS)
- Q. What is the term for something that cannot be seen through? VA 2.1  
A. Opaque



- Q. A tornado with wind speeds of 300 miles per hour would be considered what class tornado?  
A. F-5 THES 11
- Q. If you add white to a color, you change the color's what?  
A. Tint VA 2.1
- Q. Which class of fire involves wood, cloth, and paper?  
A. Class "A" fire THES 10
- Q. Jogging would be considered what type of exercise?  
A. Aerobic Exercise THES 4.
- Q. Most fast foods are high in fat and what?  
A. Sodium THES 5.
- Q. What is the light proof area used for processing film?  
A. Darkroom VA 1.1
- Q. Americans get most of their sodium intake from what ingredient added to foods during processing?  
A. Salt THES 5.
- Q. When studying colors, what are colors called that contain blue?  
A. Cool Colors VA 2.1
- Q. What is a "PFD" as it relates to safety?  
A. A Personal Flotation Device THES 10
- Q. What is the cancer causing radioactive gas that can seep into your home from underground?  
A. Radon THES 9.
- Q. What is the leading cause of infant deaths in Tennessee?  
A. Low birth weight THES 9.
- Q. What do azalea, iris, and holly have in common?  
A. They are common house plants which are poisonous THES 11
- Q. What type drug can be bought without a physician's order?  
A. Over-the-Counter Drug THES 13
- Q. What can be defined as a style that gains sudden popularity and declines quickly?  
A. Fad THES 13
- Q. What is the normal resting heart rate (heart beats per minute)?  
A. 60 to 90 THES 4.
- Q. What is a chemical compound essential to good nutrition and bone structure?  
A. Mineral THES 5.





- Q. What is the name of a paper or board with openings that let paint or ink through to make a design?  
A. Stencil VA 1.1
- Q. What is a drug which can only be purchased with a physician's order?  
A. Prescription Drugs THES 13
- Q. Which class of fire involves flammable liquids, gases, oil and grease?  
A. Class "B" fire THES 10
- Q. What is the term for a disease that is transmitted to humans by food?  
A. Foodborne Illness THES 5.
- Q. In food safety, what is the Danger Zone?  
A. Temperatures between 40 and 140 degrees Fahrenheit (where bacteria multiply fastest) THES 5.
- Q. What percent of traffic accidents are alcohol related?  
A. 60 percent THES 13
- Q. What group of diseases is characterized by uncontrolled growth and spread of abnormal cells?  
A. Cancer THES 9.
- Q. What is the term for the outer edges of a flat surface?  
A. Shape VA 2.1
- Q. What is a picture that is woven in cloth and hung on a wall?  
A. Tapestry (pronounced TAP-ISS-TREE) VA 1.3
- Q. What is used in sewing to give shape to a garment by rounding flat fabric to fit curves?  
A. Darts VA 1.3
- Q. What type painting is the hardest to clean-up?  
A. Oil Painting VA 1.2
- Q. What is the term used to describe two images taken at different times appearing on the same photograph?  
A. Double exposure VA 1.3
- Q. Which class of fire occurs in electrical wiring and electronic equipment?  
A. Class "C" fire THES 10
- Q. What insect is spreading the West Nile Virus in this country?  
A. Mosquito THES 9.
- Q. What is the type of knitting done with a long hooked needle?  
A. Crochet VA 1.2
- Q. What is the name of an object made by hand from your own idea, skill and method?  
A. Craft VA 1.3



- Q. What is the method of drawing done without any help from any drawing instruments?  
A. Freehand VA 1.3
- Q. What is the name of the three-legged supporting stand used to hold a camera steady?  
A. Tripod VA 1.1
- Q. When sewing what is worn on the middle finger of your sewing hand to push the needle through the fabric?  
A. Thimble VA 1.1
- Q. What is the main use of an emery bag on a pin cushion?  
A. To keep needles and pins sharp VA 1.1
- Q. What is the term for getting all of your subject in the photograph?  
A. Framing your subject VA 2.3
- Q. What type camera lens allows you to frame more area from right to left?  
A. Wide-angle lens VA 1.1
- Q. What is the part of the scene that appears behind the subject in a photograph?  
A. Background VA 2.1
- Q. How many teaspoons of sugar does a typical 12 ounce can of carbonated soft drink contain?  
A. 10 THES 5.
- Q. What is the term for the way a surface feels when touched?  
A. Texture VA 2.1
- Q. What is the term for the exceptionally high tides which accompany hurricanes causing much damage?  
A. Storm Surge THES 11
- Q. What kind of camera lens can bring your subject closer to you?  
A. Telephoto VA 1.1
- Q. What national organization issues weather watches and warnings?  
A. The National Weather Service THES 11
- Q. What nutrient helps keep the body temperature at a normal level?  
A. Water THES 5.
- Q. How long does it take the sound of thunder to travel a mile?  
A. 5 seconds THES 11
- Q. What is a substance that prevents bacterial growth called?  
A. Antibiotic THES 9.
- Q. What radar system has greatly improved the forecasting of tornados?  
A. Doppler THES 11



- Q. What is the approximate size of a lightning bolt? THES 11  
A. Only 3/4 inch
- Q. What scale is used to classify a tornado? THES 11  
A. Fujita Scale (pronounced FEW GEE TA)
- Q. What is the term for introducing an undesirable element? THES 5.  
A. Contamination
- Q. At what temperature should your home freezer be set on? THES 5.  
A. 0 degrees Fahrenheit
- Q. What do the letters C P R stand for? THES 10  
A. Cardiopulmonary Resuscitation (pronounced CAR-DEE-O-PULL-MON-AIR-EE REE-SUS-UH-TAY-SHUN)
- Q. What type drug speeds up the central nervous system? THES 13  
A. Stimulant
- Q. What is the first thing you should do upon arriving on the scene of an accident? THES 11  
A. Secure the scene or make sure the danger is removed or corrected
- Q. What is the name of an art work made by gluing different things down on a flat surface? VA 2.3  
A. Collage
- Q. Concerning interior design, what is the meaning of the word emphasis? VA 2.3  
A. Center of interest
- Q. In sewing, what is the guide or directions for making a specific garment called? VA 2.3  
A. Pattern
- Q. What is the most common stitch on a sewing machine? VA 2.1  
A. Straight Stitch
- Q. As it relates to clothing, why do we use pinking shears? VA 1.1  
A. Cutting zig-zag edges on cloth to prevent fraying
- Q. What is the term for using parts of things to make a shape, form, or pattern rather than making it look real? VA 1.3  
A. Abstract
- Q. What is the woven edge on either side of a piece of fabric? VA 2.3  
A. Selvage
- Q. What machine has a needle bar, a throat plate, and a bobbin? VA 1.1  
A. Sewing machine
- Q. What does the term motif mean? VA 2.1  
A. A single design unit which can be repeated



- Q. What is the device in a camera that opens and closes causing the film to be exposed forming an image?  
A. Shutter VA 1.1
- Q. What are the building blocks of protein?  
A. Amino Acids THES 5.
- Q. What bugs spread Rocky Mountain Spotted Fever and Lyme Disease?  
A. Ticks THES 9.
- Q. Panning, F-Stop, and Depth of Field are terms found in which art form?  
A. Photography VA 1.2
- Q. A drug or other substance which produces delusions is called a what?  
A. Hallucinogen (pronounced HUH-LOOSE-UN-UH-GIN) THES 13
- Q. What are the two readings given in a blood pressure?  
A. Systolic (pronounced SISS-TAH-LIC) and Diastolic (pronounced DIE-ISS-TAH-LIC) THES 9.
- Q. What is the term for the passing of nutrients into the blood stream?  
A. Absorption THES 5.
- Q. What is defined as the ratio of lean body weight to fat body weight?  
A. Body composition THES 5.
- Q. Why should a person warm up their muscles with stretching exercises?  
A. Cold muscles are more prone to injuries THES 4.
- Q. What is the term used to describe the weaving together of three or more cords, wires or string?  
A. Braid VA 1.3
- Q. Dietary guidelines recommend that persons obtain at least what percent of their daily calories from carbohydrates?  
A. 50 THES 5.
- Q. At what wind speed does a tropical storm become a hurricane?  
A. Above 74 mph THES 11
- Q. What is the term for something which can be seen through clearly, like glass?  
A. Transparent VA 2.1
- Q. What is the term for the main object you want in your photograph?  
A. Subject VA 2.3
- Q. What part of the basement would be the safest place to be during a tornado?  
A. Southwest corner (The Northeast corner may pile up with debris) THES 11
- Q. What type of accident causes the most deaths in the United States?  
A. Motor Vehicles THES 10



- Q. Exercise makes your bones what? THES 4.  
A. Stronger
- Q. Which boat has the right of way...a motor boat or a sail boat? THES 10  
A. The sail boat
- Q. What should be dialed in case of emergency? THES 11  
A. 911
- Q. What harmful substance is in the paint of most houses built before 1960? THES 10  
A. Lead
- Q. Which tornado would be more dangerous an F-1 or an F-5? THES 11  
A. F-5
- Q. How often should you have a dental check-up? THES 2.  
A. 2 times per year (every 6 months)
- Q. At what time of the day do most lightning deaths occur? THES 11  
A. Afternoon
- Q. What is the standard number for information? THES 11  
A. 411 or 1411
- Q. What is the recommended amount of time for proper handwashing? THES 2.  
A. 20 seconds
- Q. Emergency responders pay close attention to NOAA weather radio reports in preparing for emergencies. What does NOAA stand for? THES 11  
A. the National Oceanic and Atmospheric Administration
- Q. What type of drug produces sleep or stupor while at the same time relieving pain? THES 13  
A. Narcotics
- Q. What is an unplanned event that usually results in an injury or damage? THES 10  
A. Accident
- Q. What are you required by Tennessee state law to do each time you ride in a car? THES 10  
A. Wear seat belt
- Q. What is the name for vitamin B1? THES 5.  
A. Thiamin (pronounced THY UH MUN)
- Q. What is the term for predicting what the weather will do? THES 11  
A. Forecasting
- Q. What is defined as the influence your contemporaries or friends have upon you? THES 13  
A. Peer Pressure



- Q. What is defined as a substance that, when put into your body, can alter the way your body works?  
A. Drugs THES 13
- Q. What natural occurrence kills the most people in the United States?  
A. Lightning THES 11
- Q. What is the tool used to study color schemes?  
A. The Color Wheel VA 2.1
- Q. What is the statement issued when a Tornado has been spotted?  
A. Tornado Warning THES 11
- Q. Where does Tennessee rank in the nation for childhood obesity?  
A. Fifth (5th) Highest! THES 9.
- Q. What is the most preventable cause of death in our society?  
A. Smoking THES 13
- Q. What is the safest method to defrost frozen foods?  
A. In the refrigerator THES 5.
- Q. What disease did Jonas Salk eradicate with his vaccine?  
A. Polio THES 9.
- Q. What is the statement issued when conditions are favorable for a Tornado to occur?  
A. Tornado Watch THES 11
- Q. At what temperature should your refrigerator be set?  
A. Between 32 degrees and 40 degrees Fahrenheit THES 5.
- Q. What is the first responsibility of any baby sitter?  
A. Safety of the child THES 10
- Q. What type of fat is liquid at room temperature?  
A. Unsaturated THES 5.
- Q. Your body turns extra protein into what?  
A. Fat THES 5.
- Q. What 3 pieces of equipment make up the work triangle in the kitchen?  
A. Stove, Sink, Refrigerator THES 5.
- Q. What is the maximum time that left-overs can be left out at room temperature?  
A. Two (2) hours THES 5.
- Q. In emergency preparedness, what do we call the circular diagram containing the words: Prepare, Respond, Recover, Mitigate?  
A. The Disaster Cycle THES 11



- Q. When mowing on slopes with a push mower, in which direction should you mow? THES 10  
A. Across the slope
- Q. What is the most important tool you have to prevent foodborne illness? THES 2.  
A. Good personal hygiene
- Q. Which type of cancer kills the most people in the United States? THES 9.  
A. Lung Cancer
- Q. In what direction do Tornados generally travel? THES 11  
A. Northeast
- Q. What is the phone number for the Tennessee Poison Control Center? THES 11  
A. 1-800-222-1222 or 1-423-222-1222
- Q. What is the recommended amount of exercise time a child or teenager should get daily? THES 4.  
A. 60 minutes (revised with 2005 new Food Guide Pyramid)
- Q. To prevent concussions when cycling, what piece of equipment should you wear? THES 10  
A. Helmet
- Q. What is the name given to an earthquake which follows another earthquake? THES 11  
A. An Aftershock
- Q. What is the term for the exposing of a liquid to high temperatures allowing for the destruction of harmful organisms without major chemical changes to the substance? THES 5.  
A. Pasteurization (pronounced PASS-TER-UH-ZAY-SHUN)
- Q. How are ingredients on a food label listed by nutritional importance? THES 5.  
A. From most to least
- Q. What are proteins in food which aid in the maturing of food? THES 5.  
A. Enzymes
- Q. What is the addictive agent found in Tobacco? THES 13  
A. Nicotine
- Q. What is the term for the reduction in the size of particles suspended in a liquid by the use of high pressure? THES 5.  
A. Homogenization (pronounced HUM-AH-GIN-UH-ZAY-SHUN)
- Q. What can be added to fruit to prevent it from browning in the freezer? THES 5.  
A. Ascorbic Acid (pronounced AS-SCORE-BIC)
- Q. By law, a beverage that is called a “fruit juice” must contain at least what percent of natural fruit juices? THES 5.  
A. 10
- Q. At what temperature should cold foods be stored? THES 5.  
A. 40° F or colder



- Q. In canning, what is the space left at the top of the container called? THES 5.  
A. Head Space
- Q. What is the number one state in the United States for SPAM consumption? THES 5.  
A. Hawaii
- Q. Carbohydrates provide how many calories per gram. THES 5.  
A. 4
- Q. What vitamin is called the "Sunshine" vitamin? THES 5.  
A. Vitamin C (because citrus fruits are a good source of Vitamin C) (also will accept Vitamin D because the body produces Vitamin D when sunlight is absorbed by the skin)
- Q. What is the term for the drying out of frozen food that has been improperly packaged? THES 5.  
A. Freezer Burn
- Q. What type of drug is alcohol? THES 13  
A. Depressant
- Q. What is the largest voluntary health organization in the world? THES 9.  
A. American Cancer Society
- Q. What is a list of dishes or foods served at a meal? THES 5.  
A. Menu
- Q. What is the nutrient of food needed to build and repair body tissues? THES 5.  
A. Protein
- Q. What is the meat from young dairy and beef calves? THES 5.  
A. Veal
- Q. What is the proper name for deer meat? THES 5.  
A. Venison
- Q. What is the term used for when a liquid becomes a soft semi-solid mass? THES 5.  
A. Coagulate
- Q. Foods high in soluble fiber can lower what substance in your blood? THES 5.  
A. Cholesterol
- Q. What method of cooking comes from the French word meaning "to jump" and is usually done to onions and mushrooms? THES 5.  
A. Saute (pronounced SAW-TAY)
- Q. What does the term rancid mean? THES 5.  
A. Offensive smell (It STINKS!)
- Q. What is the term for the removal of water from food? THES 5.  
A. Dehydrated





- Q. In what town is Austin Peay State University located?  
A. Clarksville LSED
- Q. What is the unit by which food energy is measured?  
A. Calorie THES 5.
- Q. One gram of fat contains how many calories?  
A. 9 THES 5.
- Q. What began in 1775, when the French Government offered a prize for a new method of preserving foods?  
A. Canning THES 5.
- Q. What type nutrient in food provides energy to the body?  
A. Carbohydrates THES 5.
- Q. What is the grain from which flour is made?  
A. Wheat THES 5.
- Q. What is skim milk?  
A. Whole milk with the fat or cream removed THES 5.
- Q. What is an ingredient that helps make bread tender?  
A. Shortening THES 5.
- Q. What food group do dry beans fit into?  
A. Meat group THES 5.
- Q. Oranges, lemons, and tangerines are what kind of fruits?  
A. Citrus Fruits THES 5.
- Q. Name the only state university in Tennessee named for a former governor?  
A. Austin Peay State University LSED
- Q. Where is the University of Tennessee Space Institute located?  
A. Tullahoma LSED
- Q. U. T. was officially named the University of Tennessee in 1879. What was its' name immediately prior to this change?  
A. East Tennessee University LSED
- Q. What mineral helps the thyroid gland to work properly and is usually found in salt?  
A. Iodine THES 5.
- Q. What class tornado would have winds of 100 miles per hour?  
A. F-1 THES 11
- Q. What vitamin helps your body utilize calcium better?  
A. Vitamin D THES 5.



- Q. What single food item contributes the most dietary fat to the American diet?  
A. Hamburger THES 5.
- Q. Name the two types of dietary fiber?  
A. Soluble and Insoluble THES 5.
- Q. What nutrient builds bones and teeth?  
A. Calcium THES 5.
- Q. What happened to the University of Tennessee at Nashville?  
A. It is now part of Tennessee State University LSED
- Q. What Nashville university is located on the grounds of the former home of Adelia Acklen?  
(Pronounced ADD-UH-LEE-SH-UH ACK-LYNN) LSED  
A. Belmont
- Q. What is the material called that gives fabric body and shaping?  
A. Interfacing VA 2.3
- Q. What university in Tennessee was originally known as Dixie College?  
A. Tennessee Tech University LSED
- Q. Tusculum College, Tennessee's oldest college, is how much older than the University of Tennessee?  
A. One Day! (Tusculum founded on Sept. 9, 1794 and the University of Tennessee on Sept. 10, 1794) LSED
- Q. What Tennessee university is located near Sewanee, Tennessee?  
A. The University of the South LSED
- Q. What university in Tennessee was originally known as Grant University?  
A. UT Chattanooga LSED
- Q. What were "normal" schools?  
A. Schools founded to train teachers LSED
- Q. Which school in the University of Tennessee system is located in Southeast Tennessee?  
A. The University of Tennessee at Chattanooga LSED
- Q. What state university in Tennessee changed its name in 1994?  
A. University of Memphis from Memphis State University LSED
- Q. What was the first of the "normal" schools to enroll students?  
A. Middle Tennessee Normal School LSED
- Q. Which state university traces its origins to Blount College founded in 1794?  
A. The University of Tennessee LSED
- Q. Which school in the University of Tennessee is located in East Tennessee?  
A. The University of Tennessee at Knoxville LSED



- Q. What is the term for adding a desirable substance to a food increasing the food value? THES 5.  
A. Fortified
- Q. In what town is East Tennessee State University located? LSED  
A. Johnson City
- Q. Which school in the University of Tennessee system is located in West Tennessee? LSED  
A. The University of Tennessee at Martin
- Q. What state university was first named West Tennessee State Normal School? LSED  
A. University of Memphis
- Q. What is the nutrient needed to prevent anemia? THES 5.  
A. Iron
- Q. What state university was first named Hall-Moody Institute? LSED  
A. University of Tennessee at Martin (would accept simply UT-Martin)
- Q. What current university was at one time known as Tennessee A & I State Normal College? LSED  
A. Tennessee State University
- Q. What grain is pasta made from? THES 5.  
A. Wheat
- Q. What state university was at one time University of Tennessee Junior College? LSED  
A. University of Tennessee at Martin (would accept simply UT-Martin)
- Q. What was the original name of East Tennessee State University? LSED  
A. East Tennessee State Normal School
- Q. In what town is Tennessee Tech University located? LSED  
A. Cookeville
- Q. In what town is Middle Tennessee State University located? LSED  
A. Murfreesboro
- Q. What Tennessee city is the home of UTC? LSED  
A. Chattanooga (University of Tennessee at Chattanooga)
- Q. This part of the UT System does not have any undergraduate students but houses the UT School of Medicine and Dentistry? LSED  
A. The University of Tennessee at Memphis
- Q. What state university was at one time known as "T P I"? LSED  
A. Tennessee Tech University



- Q. In terms of electricity Plastic or rubber would be a good example of what? 8.PS2.1  
A. An Insulator
- Q. How does Magma change into igneous rock? 8.ESS2.3  
A. Cooling and Crystallizing
- Q. What are the three layers of the Earth? 8.ESS2.3  
A. Core, mantle and crust
- Q. Which type of rocks were formed by the hardening of lava or magma? 8.ESS2.3  
A. Igneous Rocks
- Q. Which type of rock was at one time another type of rock? 8.ESS2.3  
A. Metamorphic Rock (MET-UH-MORE-FIC)
- Q. Which types of rocks are formed by the breaking down of other rocks? 8.ESS2.3  
A. Sedimentary Rocks (SAID-UH-MEN-TARY)
- Q. In terms of electricity copper wire would be a good example of what? 8.PS2.1  
A. A conductor
- Q. What do you call a material which does not allow electricity to move freely through it? 8.PS2.1  
A. An Insulator
- Q. What do you call a material which allows electricity to move freely through it? 8.PS2.1  
A. A conductor
- Q. For an electric current to happen there must be a what? 8.PS2.1  
A. A circuit
- Q. What is caused by the release of energy stored in the earth's crust? 8.ESS2.3  
A. An Earthquake
- Q. What is defined as electricity which gathers in one place? 8.PS2.1  
A. Static Electricity
- Q. What is a naturally occurring inorganic solid that has a crystal structure and a chemical composition? 8.ESS2.3  
A. A mineral
- Q. What is the term for the regular rise and fall of the ocean's surface influenced by the the moon's gravity? 8.ESS1.2  
A. Tides
- Q. What is defined as electricity which moves from one place to another? 8.PS2.1  
A. Electric Current
- Q. In terms of tides, what can be expected as the Moon gets further from the earth? 8.ESS1.2  
A. The lower the tides



- Q. What physical property would be a mineral's ability to reflect light?  
A. Luster
- Q. What physical property would be a mineral's tendency to split along specific planes of weakness to form smooth flat surfaces?  
A. Cleavage
- Q. What physical property would be a mineral's color in powdered form?  
A. Streak
- Q. What is the process which forms sedimentary rocks from sediments compressed by the weight of rocks above them? 8.ESS2.3  
A. Compaction (Pronounced COME-PACK-SHUN)
- Q. What is the solid material made of minerals which forms the Earth's crust? 8.ESS2.3  
A. Rock
- Q. What is defined as the speed of an object in a given direction? PHYS.PS  
A. Velocity
- Q. What are rocks which form when molten rock cools and hardens? 8.ESS2.3  
A. Igneous Rocks (Pronounced IGG-KNEE-US)
- Q. What is the term for molten rock beneath the Earth's surface? 8.ESS2.3  
A. MAGMA
- Q. What is the term for molten rock that reaches the Earth's surface? 8.ESS2.3  
A. Lava
- Q. What are rocks which form when sediments are compacted and cemented together? 8.ESS2.3  
A. Sedimentary Rocks (SAID-UH-MEN-TARY)
- Q. What color does acid turn litmus paper? CHEM1.  
A. Red
- Q. What are rocks which form when they are changed by intense heat or pressure? 8.ESS2.3  
A. Metamorphic Rock (MET-UH-MORE-FIC)
- Q. Basalt would be classified as what type of rock? 8.ESS2.3  
A. Igneous Rocks (Pronounced IGG-KNEE-US)
- Q. What physical property would be a mineral's ratio of mass to volume?  
A. Density
- Q. Sandstone would be classified as what type of rock? 8.ESS2.3  
A. Sedimentary Rocks (SAID-UH-MEN-TARY)
- Q. Obsidian would be classified as what type of rock? 8.ESS2.3  
A. Igneous Rocks (Pronounced IGG-KNEE-US)



- Q. Marble would be classified as what type of rock?  
A. Metamorphic Rock (MET-UH-MORE-FIC) 8.ESS2.3
- Q. Coal would be classified as what type of rock?  
A. Sedimentary Rocks (SAID-UH-MEN-TARY) 8.ESS2.3
- Q. Gypsum would be classified as what type of rock?  
A. Sedimentary Rocks (SAID-UH-MEN-TARY) 8.ESS2.3
- Q. Salt would be classified as what type of rock?  
A. Sedimentary Rocks (SAID-UH-MEN-TARY) 8.ESS2.3
- Q. What would you expect the pH of hand soap to be?  
A. Higher than 7 (its basic) CHEM1.
- Q. Shale would be classified as what type of rock?  
A. Sedimentary Rocks (SAID-UH-MEN-TARY) 8.ESS2.3
- Q. A higher pH makes a substance tend to be more what?  
A. Basic or Alkaline CHEM1.
- Q. Pumice would be classified as what type of rock?  
A. Igneous Rocks (Pronounced IGG-KNEE-US) 8.ESS2.3
- Q. Granite would be classified as what type of rock?  
A. Igneous Rocks (Pronounced IGG-KNEE-US) 8.ESS2.3
- Q. What can be simply defined as the study of rocks?  
A. Geology 8.ESS2.3
- Q. What is a sudden, rapid shaking of the earth?  
A. An Earthquake 8.ESS2.3
- Q. A material that allows light to pass through easily is considered to be what?  
A. Transparent 1.PS4.2
- Q. What is the minimum temperature to which a fuel source must be heated for combustion to occur?  
A. the Ignition Temperature
- Q. Limestone would be classified as what type of rock?  
A. Sedimentary Rocks (SAID-UH-MEN-TARY) 8.ESS2.3
- Q. What is a measure of the amount of acidity in the soil or water?  
A. pH CHEM1.
- Q. What physical property would be a mineral's ability to resist scratching?  
A. Hardness



- Q. A lower pH makes a substance tend to be more what?  
A. Acidic  
CHEM1.
- Q. What would you expect the pH of Orange Juice to be?  
A. Lower than 7 (Its acidic)  
CHEM1.
- Q. What would you expect the pH of distilled water to be?  
A. 7 (It is neutral)  
CHEM1.
- Q. What would you expect the pH of baking soda to be?  
A. Higher than 7 (its basic)  
CHEM1.
- Q. What is defined as the rate at which an object covers a certain distance?  
A. Speed  
PHYS.PS
- Q. What would you expect the pH of Ammonia to be?  
A. Higher than 7 (its basic)  
CHEM1.
- Q. What is a solution where the solvent is water?  
A. an aqueous solution (Pronounced Ack-Que-US)  
CHEM1.
- Q. At what pH would a substance be considered neutral?  
A. 7  
CHEM1.
- Q. Tums or Rolaids are household examples of what type substance?  
A. Base (if given antacid ask for another word for antacid)  
CHEM1.
- Q. What color does a base turn litmus paper?  
A. Blue  
CHEM1.
- Q. What does the "H" in pH stand for?  
A. Hydrogen  
CHEM1.
- Q. What is a solution that is used to keep pH at a constant value?  
A. Buffer  
CHEM1.
- Q. How does igneous rock change into metamorphic rock?  
A. Heat and Pressure  
8.ESS2.3
- Q. What is the range for the pH scale?  
A. 0-14  
CHEM1.
- Q. An object with a north and south pole which produces a magnetic field is a what?  
A. Magnet  
8.PS2.1
- Q. What do you call a material which does not allow electricity to move freely through it?  
A. An Insulator  
8.PS2.1



- Q. At what two moon phases would you expect the tides to be the lowest?  
A. During The First or Third Quarter Moon 8.ESS1.2
- Q. What type magnet uses an electric current to produce its magnetic field?  
A. Electromagnet 8.PS2.1
- Q. What is a magnet made of material that keeps its magnetism?  
A. Permanent Magnet 8.PS2.1
- Q. Unlike poles of a magnet do what?  
A. Attract 8.PS2.1
- Q. When the moon and the sun are 90 degrees apart what would you expect in terms of tides?  
A. Lower Tides 8.ESS1.2
- Q. Any material that attracts iron and material that contains iron is a what?  
A. Magnet 8.PS2.1
- Q. What form of energy is stored in the bonds atoms and molecules?  
A. Chemical Energy BIO1
- Q. What is a form of energy resulting from the existence of charged particles?  
A. Electricity 8.PS2.1
- Q. What does the term "flammable" mean?  
A. Burns easily
- Q. Which two gasses make up the greatest percentage of the atmosphere of the Earth?  
A. Oxygen and Nitrogen 7.ESS3.1
- Q. An acid or base when dissolved in water that then can conduct an electrical current is referred to as what?  
A. An Electrolyte CHEM1.
- Q. At what two moon phases would you expect the tides to be the highest?  
A. During Full and New Moon Phases 8.ESS1.2
- Q. In terms of electricity Plastic or rubber would be a good example of what?  
A. An Insulator 8.PS2.1
- Q. Alike poles of a magnet do what?  
A. Repel 8.PS2.1
- Q. What form of energy is released when food is being digested?  
A. Chemical Energy
- Q. How does light travel?  
A. In waves 2.PS4.2





- Q. How do sedimentary rocks change into Magma? 8.ESS2.3  
A. Melting
- Q. What is the speed of light? PHYSIC  
A. 186,000 miles per second
- Q. X-Ray machines give off what kind of energy?  
A. Radiant Energy
- Q. What form of energy travels by waves?  
A. Radiant Energy
- Q. When the moon and the sun are lined up what would you expect in terms of tides? 8.ESS1.2  
A. Higher Tides
- Q. What form of energy can be defined as the level of activity for the molecules in a given object? PHYSIC  
A. Heat Energy
- Q. What does a litmus test indicate? CHEM1.  
A. Amount of acidity in a substance
- Q. What form of energy is released when wood burns?  
A. Chemical Energy
- Q. If a plant bends in order to get closer to the sun, it is exhibiting what? BIO1  
A. Tropism (Pronounced TROPE -IZM)
- Q. The way a straw looks bent in a glass of water is an example of what phenomenon? 1.PS4.2  
A. Refraction (Pronounced RE-FRACK-SHUN)
- Q. What three things are necessary for a fire to burn?  
A. Fuel, Heat, Oxygen
- Q. The process by which light slows down as it passes through a thick substance is referred to as what? 1.PS4.2  
A. Refraction (Pronounced RE-FRACK-SHUN)
- Q. What causes a shock, when touching a metal object, or a friend's ear, after walking across carpet? 8.PS2.1  
A. Static Electricity
- Q. When Ice melts in a glass of water this is an example of what form of energy? PHYSIC  
A. Heat Energy
- Q. A material that allows no light to pass through it is considered to be what? 1.PS4.2  
A. Opaque (Pronounced O-PAKE)
- Q. A physical phenomenon produced by the motion of electric charge resulting in objects being attracted or repelled? 8.PS2.1  
A. Magnetism



- Q. What do you call a material which allows electricity to move freely through it? 8.PS2.1  
A. A conductor
- Q. A material that allows some light but not all to pass through it is considered to be what? 1.PS4.2  
A. Translucent (Pronounced TRANZ-LOOSE-ENT)
- Q. In terms of light a piece of clear plastic would be considered what kind of material? 1.PS4.2  
A. Transparent
- Q. In terms of light a piece of wax paper would be considered what kind of material? 1.PS4.2  
A. Translucent (Pronounced TRANZ-LOOSE-ENT)
- Q. In terms of light a piece of aluminum foil would be considered what kind of material? 1.PS4.2  
A. Opaque (Pronounced O-PAKE)
- Q. In terms of light a stained glass window would be considered what kind of material? 1.PS4.2  
A. Translucent (Pronounced TRANZ-LOOSE-ENT)
- Q. The process by which light bounces off of a shiny surface is referred to as what? 1.PS4.2  
A. Reflection
- Q. In terms of tides, what can be expected as the Moon gets closer to the earth? 8.ESS1.2  
A. The higher the tides
- Q. What happens to light when it strikes a dull surface like a dark curtain? 1.PS4.2  
A. It is absorbed
- Q. In terms of light what will you find behind an opaque object? 1.PS4.2  
A. A shadow
- Q. What is defined as electricity which gathers in one place? 8.PS2.1  
A. Static Electricity
- Q. What is defined as electricity which moves from one place to another? 8.PS2.1  
A. Electric Current



- Q. What was the first Territorial capital of the Southwest Territory? 8.39  
A. Rocky Mount
- Q. What was the newspaper printed to serve the Cherokee people? 8.56  
A. The Cherokee Phoenix
- Q. Which Tennessee President graduated from the University of North Carolina at the top of his class? 8.61  
A. James K. Polk
- Q. What major event changed the minds of many Tennesseans concerning secession? 8.75  
A. The firing on Fort Sumter
- Q. How many of 5 largest Tennessee cities are located along a major river? 8.39  
A. All 5
- Q. Who published the Knoxville Examiner? 8.90  
A. William Francis Yardley
- Q. In what year was Sequoyah born? 8.56  
A. 1776
- Q. Who was James K. Polk's "First Lady?" 8.61  
A. Sarah Childress (Polk)
- Q. What treaty ended the War of 1812? 8.43  
A. The Treaty of Ghent (GENT Hard G)
- Q. What was a hobby of Andrew Jackson's that would be considered illegal today? 8.55  
A. Cockfighting (although we will also accept the answers "betting on horse races" and "dueling")
- Q. What is the name of Andrew Jackson's famous home? 8.55  
A. The Hermitage
- Q. What was Sequoyah's occupation? 8.56  
A. Blacksmith
- Q. Tennessee became known as the Volunteer State after men volunteered in great numbers to serve in which war? 8.43  
A. War of 1812
- Q. David Glasgow Farragut was born near what major Tennessee city? 8.77  
A. Knoxville
- Q. Of the American first ladies to come from Tennessee, which was the best educated? 8.61  
A. Sarah Childress (Polk) (who was college educated)
- Q. In what current state did the Battle of Horseshoe Bend take place? 8.43  
A. Alabama



- Q. What milestone did Tennessee reach in 1850? 8.39  
A. A population of over 1,000,000
- Q. What Tennessee county actually seceded from the Confederacy? 8.75  
A. Scott County
- Q. Who served as Tennessee's first two United States Senators? 8.39  
A. William Blount and William Cocke
- Q. The largest and bloodiest battle fought in Tennessee occurred near Shiloh Church in West Tennessee. What does the word "Shiloh" mean in Hebrew? 8.80  
A. Place of Peace
- Q. What was the main crop grown at The Hermitage during Andrew Jackson's time? 8.55  
A. Cotton
- Q. What Tennessee county can claim to be the birthplace of Davy Crockett? 8.59  
A. Greene County (in 1786)
- Q. What famous Tennessee home was known by local Indians as "The house with a thousand eyes?" 8.39  
A. Blount Mansion (due to the large number of glass windows)
- Q. What house is located at 4580 Rachel's Lane? 8.55  
A. The Hermitage in Nashville
- Q. Who was the only US Representative from Tennessee to vote against the Indian Removal Act? 8.55  
A. David Crockett
- Q. What was the first county created in West Tennessee? 8.39  
A. Hardin County created on November 13, 1819
- Q. When Nashville was first settled it was part of what county? 8.26  
A. Washington County
- Q. What Union Army and Navy victory opened the door to the unopposed invasion of Nashville during the early days of the Civil War? 8.80  
A. Fort Donelson
- Q. The loss of what Civil War Battle forced the Confederacy to evacuate Nashville in 1862? 8.80  
A. Fort Donelson
- Q. What was significant about the Confederate evacuation of Nashville on February 23, 1862? 8.80  
A. It was the first Confederate State capital to surrender.
- Q. Who commanded the Federal troops at the battle of Shiloh? 8.80  
A. U.S. Grant



- Q. Which one of the Tennessee Presidents does not have a Tennessee County named for him? 8.83  
A. Andrew Johnson (Johnson County was named for Thomas Johnson in 1836 prior to Andrew Johnson becoming well known in Tennessee)
- Q. Name the riverboat which exploded near Memphis in 1865 killing over 1,000 former Union prisoners of war who were on their way home? 8.80  
A. Sultana (pronounced SULL-TAN-UH)
- Q. The state of Oklahoma was almost named for what famous Tennessean? 8.56  
A. Sequoyah (SUH-QWA-YA like the tree)
- Q. What three states meet a short walk from the Cumberland Gap? 8.39  
A. Tennessee, Virginia and Kentucky
- Q. Henry not Andrew was the person for which Tennessee's seventh largest city was really named. Name the city. 8.83  
A. Johnson City
- Q. This city wasn't the first, the last, or the shortest length state capitol city in Tennessee, but it was the official one from 1818 until 1826. Name the city. 8.39  
A. Murfreesboro
- Q. In what Tennessee town can you visit the James K. Polk home? 8.61  
A. Columbia
- Q. What Tennessean became the first full admiral to serve in the United States Navy? 8.77  
A. David Glasgow Farragut
- Q. What is the name of the trading post located where downtown Chattanooga is today? 8.57  
A. Ross's Landing
- Q. Who was Old Hickory? 8.55  
A. Andrew Jackson
- Q. Who was president when Congress passed the Indian Removal Act of 1830? 8.55  
A. Andrew Jackson
- Q. Bluff City is the nickname of what Tennessee city? 8.51  
A. Memphis
- Q. What was the name of the long range plan the North had to end the Civil War? 8.80  
A. The Anaconda Plan
- Q. What was the term used by Andrew Jackson supporters to describe the presidential election of 1824? 8.55  
A. The corrupt bargain
- Q. Who was the only US Representative from Tennessee to vote against the Indian Removal Act? 8.59  
A. David Crockett



- Q. Which Tennessee president abolished the National Bank? 8.55  
A. Andrew Jackson
- Q. Which of the Tennessee presidents was the only U.S. President to completely pay off the national debt? 8.55  
A. Andrew Jackson
- Q. How long did the journey known as the Trail of Tears take? 8.57  
A. One and one-half years
- Q. What legislation brought about the Trail of Tears? 8.55  
A. The Indian Removal Act of 1830
- Q. What part of the Anaconda Plan was related to Tennessee? 8.80  
A. The capture of Chattanooga
- Q. Which of the five Indian tribes were the last to sign the treaty which started their removal and the trail of tears? 8.57  
A. The Cherokee
- Q. The 13th US Colored Troops participated in what Tennessee Civil War Battle? 8.78  
A. The Battle of Nashville (December 15 and 16, 1864)
- Q. Who was the principal chief of the Cherokees during the years immediately leading up to the Trail of Tears? 8.57  
A. John Ross Chief of the Cherokee
- Q. Which future Cherokee chief served in the War of 1812 under Andrew Jackson? 8.57  
A. John Ross
- Q. What was the more familiar name for the Cherokee removal from Tennessee? 8.57  
A. The Trail of Tears
- Q. The town of Ross's Landing changed its name in 1839 to what? 8.57  
A. Chattanooga
- Q. What major city in Tennessee was founded on Christmas Day, 1779? 8.26  
A. Nashville
- Q. Who served as military governor of Tennessee during the Civil War? 8.80  
A. Andrew Johnson
- Q. Who commanded the Federal troops at the Battle of Chattanooga? 8.80  
A. U.S. Grant
- Q. What was the first black newspaper in Knoxville? 8.90  
A. The Knoxville Examiner
- Q. The storming of Shy's Hill brought an end to what Civil War Battle? 8.80  
A. The Battle of Nashville



- Q. What Tennessee battle was at the time the largest fought in the Western Hemisphere? 8.80  
A. The Battle of Shiloh
- Q. Near what Tennessee river was the Battle of Shiloh fought? 8.80  
A. The Tennessee
- Q. Missionary Ridge was a significant part of what Civil War battle? 8.80  
A. The Battle of Chattanooga
- Q. What early Tennessee Congressman introduced a resolution to abolish West Point? 8.55  
A. David Crockett
- Q. How many of 5 largest Tennessee cities are located along a major river? 8.39  
A. All 5
- Q. On what river was Fort Henry located? 8.80  
A. The Tennessee
- Q. Contrast the different ways that the North and the South named battles during the Civil War. 8.80  
A. The North named their battles after nearest body of water... South named after nearest town or community.
- Q. What was the last major Civil War Battle fought in Tennessee? 8.80  
A. The Battle of Nashville (December 1864)
- Q. On what river was Fort Donelson located? 8.80  
A. The Cumberland
- Q. In what Civil War Battle were 6 Confederate generals killed? 8.80  
A. The Battle of Franklin
- Q. What Civil War Battle included the "Pickett's Charge of the West?" 8.80  
A. The Battle of Franklin
- Q. The presidential yacht used for most of the 20th century was named after what famous Tennessean? 8.56  
A. Sequoyah (SUH-QWA-YA like the tree) [USS Sequoia]
- Q. The Carnton Mansion served as a makeshift hospital during the aftermath of what battle? 8.80  
A. The Battle of Franklin
- Q. What is Tennessee's oldest town? 8.20  
A. Jonesborough Established (1778)
- Q. The city of Jackson, as well as Jackson County, were named for whom? 8.55  
A. President Andrew Jackson
- Q. What was the name of the Confederate Army that operated in Tennessee during the Civil War? 8.80  
A. The Army of Tennessee (State)



- Q. What was the name of the two Federal Armies which operated in Tennessee during the Civil War? 8.80  
A. The Army of the Tennessee (River) The Army of the Cumberland (River)
- Q. Who did Lafayette (LA-FEE-ET) come to Tennessee to visit in 1825? 8.55  
A. Andrew Jackson
- Q. Contrast the different ways that the North and the South named armies during the Civil War. 8.80  
A. The North named their armies after nearest body of water... South named after state or area they operated in.
- Q. What Civil War General was known as "Old Rosy"? 8.77  
A. William Rosecrans Commander of the Army of the Cumberland (ROSE-CRANZ)
- Q. What was Northern name for the Battle of Shiloh? 8.80  
A. Pittsburg Landing
- Q. The Peach Orchard and the Hornet's Nest are places associated with what Civil War Battle? 8.80  
A. The Battle of Shiloh
- Q. How did General William Sherman refer to Nathan Bedford Forrest? 8.77  
A. "That Devil Forrest"
- Q. What Civil War Admiral served in the War of 1812 at the age of 12? 8.77  
A. David Glasgow Farragut
- Q. Who was called the "Wizard of the Saddle"? 8.77  
A. Nathan Bedford Forrest
- Q. Which Civil War commander operating in Tennessee would go on to become President? 8.77  
A. U.S. Grant
- Q. What was the transaction called when the American government bought West Tennessee? 8.39  
A. The Chickasaw Purchase (or Jackson purchase)
- Q. What two generals opposed each other at the Battle of Nashville? 8.80  
A. George Thomas (USA) and John Bell Hood (CSA)
- Q. The great-granddaughter of John Ross was the first Native American woman to do what? 8.57  
A. Design rockets and missiles (Mary G Ross)
- Q. Native Americans attacked Fort Nashborough in 1781. What was that battle called? 8.26  
A. Battle of the Bluffs
- Q. What Tennessee founding father is a signer of the United States Constitution? 8.39  
A. William Blount (He was a delegate at the time representing North Carolina)
- Q. What was Tennessee's order of entry to the Union in 1796? 8.39  
A. Sixteenth (16th)





- Q. What Tennessee Native American was also known as George Gist? 8.56  
A. Sequoyah
- Q. What famous person died on the Natchez Trace? 8.42  
A. Meriwether Lewis (Explorer of Lewis and Clark fame)
- Q. The Jackson Purchase of 1818 was also known by what name? 8.39  
A. The Chickasaw Purchase
- Q. Tennessee was originally part of what state? 8.39  
A. North Carolina
- Q. What is the largest city in America named for a person from Tennessee? 8.59  
A. Houston, Texas (named for Sam Houston)
- Q. What Tennessean is known as the "Hero of King's Mountain?" 8.25  
A. John Sevier
- Q. What disease almost destroyed Memphis in the 1878? 8.90  
A. Yellow Fever
- Q. Nashville was named as Tennessee's permanent state capitol in what year? 8.39  
A. 1843
- Q. What city in Tennessee was described as "where the cotton meets the corn?" 8.72  
A. Chattanooga
- Q. What was engraved on the inside of Sam Houston's ring? 8.59  
A. Honor
- Q. Name the Tennessean who invented the Cherokee alphabet. 8.56  
A. Sequoyah (SUH-QWA-YA like the tree)
- Q. Who led the overland party of settlers to the area which would become Nashville? 8.26  
A. James Robertson
- Q. After leaving the state during the Civil War, when did Scott County officially become part of Tennessee again? 8.75  
A. 1986
- Q. What famous nickname did General U.S. Grant receive at the Tennessee Civil War battle of Fort Donelson, that would stay with him throughout the war? 8.80  
A. Unconditional Surrender Grant for U.S. Grant
- Q. Which city served the shortest time as Tennessee's capitol city? 8.39  
A. Kingston (one day!)
- Q. Where was the original Tennessee Constitution written? 8.39  
A. Knoxville in 1796



- Q. Who published the first newspaper in America devoted to the abolition of slaves? 8.66  
A. Elihu Embree (pronounced UH LIE WHO - M BREE)
- Q. What Tennessee County is named for the state's first governor? 8.39  
A. Sevier County
- Q. What early Tennessean was known among the Indians as "Chucky Jack?" 8.39  
A. John Sevier
- Q. Who did America fight against in the American Revolution? 8.22  
A. Great Britain
- Q. What major event did Tennessee celebrate in 1996? 8.39  
A. The State's Bicentennial
- Q. The Tennessee governor's election in 1886 had what colorful nickname? 8.90  
A. "The War of the Roses"
- Q. Which two Tennessee presidents also served the state as Governor? 8.61  
A. Andrew Johnson and James K. Polk
- Q. Name the Tennessee city which was considered the center for the southern abolition movement? 8.66  
A. Jonesborough
- Q. What was the period after the Civil War called in Tennessee? 8.90  
A. Reconstruction
- Q. Where is Sarah Childress Polk wife of James K. Polk buried? 8.61  
A. The Tennessee Capitol grounds (with her husband)
- Q. Who was Tennessee's first "First Lady?" 8.39  
A. Catherine S. "Bonnie Kate" Sevier
- Q. Who was the first person to be elected President from a state, which was not one of the original 13 colonies? 8.55  
A. Andrew Jackson
- Q. What Knoxville building served as the SECOND Capitol of the Territory South of the River Ohio? 8.39  
A. Blount Mansion
- Q. Name the three most prominent Rivers of Tennessee. 8.39  
A. Tennessee, Mississippi, and Cumberland
- Q. On what major river system is the city of Chattanooga located? 8.39  
A. The Tennessee River
- Q. What two rivers converge to form the Tennessee River? 8.39  
A. The Holston and The French Broad Rivers



- Q. Who was president during the Nullification Crisis? 8.55  
A. Andrew Jackson
- Q. What separates Middle Tennessee from West Tennessee? 8.39  
A. The Tennessee River (Kentucky Lake)
- Q. What was the name of the treaty which became the legal basis for the Trail of Tears? 8.55  
A. The Treaty of New Echota
- Q. The city of Oak Ridge is located near what river? 8.39  
A. Clinch River
- Q. What Tennessee Civil War Battle became the first major victory of the war for General U. S. Grant? 8.80  
A. Fort Donelson
- Q. What Tennessee Civil War Battle was centered at the "Carter House?" 8.80  
A. The Battle of Franklin
- Q. General William P. Sanders was killed in what Civil War battle fought in Tennessee? 8.80  
A. The Battle of Knoxville
- Q. The "Battle Above the Clouds" was fought overlooking what Tennessee city? 8.80  
A. Chattanooga
- Q. The battle of Stones River was fought near what Tennessee city? 8.80  
A. Murfreesboro
- Q. What did Scott County, Tennessee declare itself during the Civil War? 8.75  
A. "The Free State of Scott"
- Q. What river runs from Kingsport to Knoxville? 8.39  
A. The Holston River
- Q. Who did Tennessee colonists fight during the French and Indian War? 8.19  
A. The French and their Indian Allies
- Q. Name the Tennessean who has a tree named for him? 8.56  
A. Sequoyah (SUH-QWA-YA) The tree is the Giant Sequoia the largest tree in the world
- Q. What was the first newspaper in America devoted to the abolition of slaves? 8.66  
A. Manumission Intelligencer
- Q. Which Tennessean failed to carry Tennessee when he was elected President of the United States? 8.61  
A. James K. Polk
- Q. Who saved Bonnie Kate Sherrill's life when Chickamaugans attacked Fort Henry and later married her? 8.39  
A. John Sevier



- Q. What lake was formed in West Tennessee by an earthquake in 1811? 8.53  
A. Reelfoot Lake
- Q. On what major river is the city of Memphis located? 8.39  
A. The Mississippi River
- Q. The Fort Loudon massacre occurred during what war in Tennessee? 8.19  
A. French and Indian War
- Q. What Tennessee County was named after the territorial governor of Tennessee? 8.39  
A. Blount County
- Q. Who commanded the Federal troops at the Battle Horseshoe Bend? 8.43  
A. Andrew Jackson
- Q. Who did the Federal troops fight at the Battle Horseshoe Bend? 8.43  
A. The Creek Indians
- Q. In what battle was Sam Houston severely wounded by an arrow? 8.43  
A. The Battle of Horseshoe Bend
- Q. What future Chief of the Cherokee Nation served under Jackson at the Battle of Horseshoe Bend? 8.43  
A. John Ross
- Q. In 1879 the Tennessee General Assembly changed the named of East Tennessee University to what? 8.90  
A. The University of Tennessee
- Q. What is the longest of the rivers which run through Tennessee? 8.39  
A. The Mississippi River
- Q. What British fort, located in present day Monroe County, surrendered to the Cherokee Indians after a year long siege? 8.19  
A. Fort Loudoun