



- Q. 4-H members pledge their hands to what? 4HS
A. Larger Service
- Q. How long does a person have to answer a Clover Bowl question after "buzzing in?" 4HC
A. 10 seconds
- Q. What is the 4-H slogan? 4HS
A. Learn by Doing
- Q. What is the name of the inspirational part of the 4-H club meeting? 4HS
A. Thought for the Day
- Q. What 4-H symbol is copyrighted? 4HS
A. The 4-H Clover
- 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 is the correct size for a 4-H poster? 4HC
A. 14 by 22 inches
- Q. 4-H members pledge their hearts to what? 4HS
A. Greater Loyalty
- Q. What is the official name of the 4-H shooting sports program? 4HC
A. Target SMART
- 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. In which pledge would you face the group not the flag? 4HS
A. The 4-H Pledge
- Q. In which 4-H contest would you actually show someone how to do something? 4HC
A. Demonstrations
- Q. 4-H members pledge their heads to what? 4HS
A. Clearer Thinking
- Q. Junior 4-H members are in what grade? 4HE
A. 5th



- Q. In the 4-H Target SMART program, what does the acronym "SMART" stand for? 4HA
A. Shotgun, Muzzleloader, Archery and Rifle Training
- Q. The State 4-H Horse show is held each year in what Tennessee city? 4HC
A. Shelbyville
- Q. What are oral reasons? 4HC
A. A verbal or spoken justification of why you placed a JUDGING class a certain way
- Q. What is the purpose of the 4-H Clover Bowl in Tennessee? 4HC
A. To acquaint 4-H members with themselves and their surroundings.
- 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. 4-H is required to be mentioned in a speech in which age levels? 4HC
A. Only Senior High
- Q. An extemporaneous speech should last no more than how many minutes? (Pronounced X-TEMP- 4HC
POUR-RAIN-EE-US)
A. 2 minutes
- 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 does the term "extemporaneous" mean as it relates to 4-H? (Pronounced X-TEMP-POUR- 4HC
RAIN-EE-US)
A. An unprepared speech (Senior members do this in addition to a prepared speech)
- Q. Which 4-H officer's main duty is to get someone to do parts of the program? 4HL
A. The Vice-President
- Q. A 4-H Art Poster must be orientented in what direction? 4HC
A. Horizontal or Landscaped
- Q. What 4-H activity deals with the learning of decision making skills? 4HC
A. Judging Teams
- Q. What is the most popular 4-H Animal Science project? 4HP
A. Horse
- Q. What were 4-H Agents originally referred to in Tennessee? 4HH
A. Demonstration Agents
- Q. What is the reference date used in 4-H for grade? 4HE
A. Jan. 1st of current year



- 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 Tennessee 4-H website address? 4HE
A. www.utextension.utk.edu/4h
- Q. 4-H is open to young people of what age range? 4HE
A. Ages 9 to 19
- Q. In how many 4-H contests must you participate in order to be eligible for Junior 4-H camp? 4HE
A. None
- 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. 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. 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 term for a 4th grade 4-H member? 4HE
A. Explorer (4-H'er)
- 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. Which war helped to initiate the 4-H club program? 4HH
A. World War I
- Q. In what state was the 4-H All-Star program first organized? 4HH
A. West Virginia
- 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. 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. Which 4-H officer is in charge of arranging the room for the meeting? 4HL
A. The Vice-President
- 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. During what time of the year does Tennessee 4-H Congress take place? 4HA
A. Spring
- 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 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 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. At what grade in school can 4-H Honor Club members become All Stars? 4HL
A. Current 9th Grade Members
- 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. In which 4-H contest would you make a "mini 4-H billboard?" 4HC
A. The 4-H Poster Contest
- Q. What does TAE4-HW mean? 4HL
A. The Tennessee Association of Extension 4-H Workers
- 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. 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. Name the two Universities are most closely associated with the Tennessee 4-H program? 4HH
A. University of Tennessee and Tennessee State University



- Q. What is another word used to dismiss a 4-H club meeting? 4HL
A. Adjourn (UH JURN)
- Q. What is the name of the 4-H All-Star officer who serves as the secretary? 4HL
A. The Scribe
- Q. The 4-H emblem was adopted in what year? 4HS
A. 1927
- Q. What are the 4 "H's"? 4HS
A. Head, Heart, Hands, and Health
- 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 name of the official Tennessee 4-H History? 4HS
A. 4-H: A Tennessee Tradition
- Q. What happens if there are no corrections to the minutes? 4HL
A. They "stand approved as read"
- 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 current 4-H event was originally named State Club Camp in 1923? 4HH
A. Tennessee 4-H Roundup
- 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. Where did southern Middle Tennessee counties attend 4-H camp before moving to Crossville in 1960? 4HH
A. Camp Woodlee (near McMinnville)
- Q. Which 4-H officer's main duty is the writing of the minutes? 4HL
A. The Secretary
- Q. What is the name of the inspirational ceremony held at the end of each day at 4-H camp? 4HA
A. Vespers
- Q. The 4-H Pledge was adopted in what year? 4HS
A. 1927
- Q. Adults, teens, and volunteers are examples of what group of people who help agents conduct the 4-H program? 4HL
A. Leaders
- 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. What is the first order of business in any 4-H meeting? 4HL
A. The President Calls the Meeting to Order.
- Q. What is the name of the inspirational ceremony which takes place at 4-H camp right after sunrise? 4HA
A. Flag Raising
- Q. Target SMART is held at which 4-H Center? 4HA
A. William Ridley (Columbia)
- Q. Which 4-H officer presides in the President's absence? 4HL
A. The Vice-President
- 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 4-H Clover Bowl was held for the first time in what county? 4HH
A. Wilson County (1994)
- Q. Name the 4-H Center located in Columbia. 4HA
A. William P Ridley 4-H Center
- 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. 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. Don Bowman made what in 1948, which is handed down each year to the state 4-H Council President? 4HS
A. The Gavel
- 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. The Clyde Austin 4-H Center is located in what Tennessee town? 4HA
A. Greeneville
- Q. What was the original use of the 4-H camp at Crossville? 4HH
A. World War II Prisoner of War Camp
- 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. How many projects are offered to Tennessee 4-H members? 4HP
A. 26
- Q. The White House, Monticello, and Mount Vernon are visited during which 4-H event? 4HA
A. Citizenship Washington Focus



- Q. Where has National 4-H Congress been held since 1997? 4HA
A. Atlanta, Georgia
- Q. State 4-H winners in Leadership, Citizenship, and Public Speaking are crowned at what 4-H event? 4HA
A. Tennessee 4-H Congress
- Q. At which State 4-H event do 4-H members act as representatives and senators? 4HA
A. Tennessee 4-H Congress
- Q. What 4-H event traditionally takes place right after Thanksgiving? 4HA
A. National 4-H Congress
- Q. State Academic Conference is open to 4-H members of what age group? 4HA
A. Junior High (6th, 7th, & 8th Grades)
- Q. In what city is the National 4-H Center located? 4HA
A. Washington, D.C. (Chevy Chase, Maryland)
- 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. 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 two organizations served as the forerunners of 4-H in Tennessee? 4HH
A. The Tomato (girls) and Corn Clubs (boys)
- 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. Which 4-H project could be defined as learning how to influence people to make some kind of change? 4HP
A. Leadership
- Q. This is the smallest 4-H project, although this fact may "bug" some people. 4HP
A. Entomology
- Q. What is the newest 4-H project? 4HP
A. Computers and Technology
- 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. Service learning is part of what 4-H project? 4HP
A. Citizenship
- Q. Which 4-H officer's main duty is to preside over the meetings? 4HL
A. The President



- Q. The Clyde M. York 4-H Center is located in what Tennessee town? 4HA
A. Crossville
- 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. 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 phrase was not part of the original 4-H pledge? 4HS
A. “and my world”
- 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. 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. At what 4-H event is the 4-H Governor elected? 4HL
A. Tennessee 4-H Congress
- 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. At what senior 4-H event would you take a college tour? 4HA
A. State 4-H Roundup
- Q. A demonstration should last how long? 4HC
A. Three to Five Minutes
- 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. Who is considered to be the first 4-H member in Tennessee? 4HH
A. Mertie Hardin
- Q. At what 4-H event would you see the changing of the guard of the Unknown Soldier? 4HA
A. Citizenship Washington Focus



- Q. 4-H members celebrate what product each June? 4HA
A. Milk or Dairy Products (as part of June Dairy Month)
- 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. Where does the Southern Regional Teen Leadership Conference take place? 4HA
A. Clyde M. York 4-H Center in Crossville
- 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. Which 4-H officer has the duty of checking the roll? 4HL
A. The Secretary (although this is often done silently)
- 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 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. 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. 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 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 name of the inspirational ceremony which takes place at camp right about sundown? 4HA
A. Flag Retreat
- 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. In what Tennessee city does State 4-H Electric Camp take place? 4HA
A. Knoxville
- Q. Becoming a better more responsible citizen is taught in which 4-H project? 4HP
A. Citizenship
- 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 might members go shopping at the mall and participate in a fashion show? 4HA
A. 4-H Fashion & Design Conference
- Q. How many 4-H regions are there in Tennessee? 4HL
A. Three
- 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. In what grade is 4-H first offered? 4HE
A. 4th Grade
- Q. Where does Tennessee 4-H Congress take place? 4HA
A. Nashville
- Q. The Southern Region 4-H Teen Leadership Conference is better known by what acronym? 4HA
A. S-R-T-L-C
- Q. What person wrote the 4-H motto? 4HH
A. Carrie Harrison



- Q. Of the three types of soil, Sand, Silt and Clay, which one is the stickiest?
A. Clay T1.3-5e
- Q. What do the letters USDA mean?
A. United States Department of Agriculture T5.3-5f
- Q. Name my AG Career: I specialize in home gardens and flowering plants.
A. Horticulturalist T5.3-5b
- Q. Name my AG Career: I work for UT, but I work with people in a county helping them with all things Agriculture.
A. Extension AG Agent T5.3-5b
- Q. Name my AG Career: I shoe horses.
A. Farrier T5.3-5b
- Q. What state produces the most corn?
A. Iowa T5.3-5e
- Q. What major crop, grown mainly in Arkansas and Louisiana, is grown in a flooded field?
A. Rice T5.3-5e
- Q. Which state produces the most wheat?
A. Kansas (America's breadbasket) T5.3-5e
- Q. Which state produces the most hogs?
A. Iowa T5.3-5e
- Q. Where does the University of Tennessee test new varieties and farming procedures?
A. UT AG Research Centers (would also accept Experiment Stations) T5.3-5f
- Q. In what town is the Tennessee Department of Agriculture located?
A. Nashville T5.3-5f
- Q. Name my AG Career: I work for USDA and I map soils and interpret their productivity.
A. Soil Scientist T5.3-5b
- Q. Which southern state has the most State Forests?
A. Tennessee T5.3-5e
- Q. Tennessee's Institute of Agriculture is an important part of what university?
A. The University of Tennessee T5.3-5f
- Q. What does TWRA stand for?
A. Tennessee Wildlife Resources Agency T5.3-5f
- Q. What farm group not only serves as an insurance agency, but also a nationwide farm lobby?
A. Farm Bureau T5.3-5f



- Q. In Tennessee what do the letters TDA stand for? T5.3-5f
A. Tennessee Department of Agriculture
- Q. What does the agriculture term TCA stand for? T5.3-5f
A. Tennessee Cattleman's Association
- Q. Who enforces the sale of Tennessee Game and Fishing Licenses? T5.3-5f
A. TWRA (Tennessee Wildlife Resources Agency)
- Q. In what complex is the Tennessee Department of Agriculture located? T5.3-5f
A. Ellington Agricultural Center in Nashville
- Q. What is the Tennessee state agricultural insect? T4.6-8f
A. Honeybee
- Q. Which state produces the most cotton? T5.3-5e
A. Texas (The Cotton Bowl!)
- Q. What is the most common term for a female goat? T2.3-5d
A. Doe
- Q. Name my AG Career: I study plants and the numerous ways they can be cultivated and utilized. T5.3-5b
A. Agronomist
- Q. What does organic matter help build in a soil? T1.3-5e
A. Topsoil
- Q. What type of plant can produce its own nitrogen? T1.3-5e
A. Legume
- Q. What is the term for the natural breaking-down of rocks? T1.3-5e
A. Weathering
- 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. A female hatchling chicken is called a what? T2.3-5d
A. Pullet
- 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. Why is UT Extension called the Cooperative Extension Service? T5.3-5f
A. Cooperation between Federal, State, and County governments
- 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 does it mean for an animal to be polled?
A. No horns T2.3-5d
- Q. What is found in some soils that stop root depth and effect homesite selection?
A. Bedrock T1.3-5e
- Q. A cross between a domesticated beef animal and the American Bison is called what?
A. Beefalo T2.3-5d
- Q. Arabian, Belgian, and Morgan are breeds associated with what species of animal?
A. Horses T2.3-5d
- Q. What grand division of the state has the most beef cattle?
A. Middle 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 the art of riding horseback called?
A. Horsemanship T2.3-5d
- Q. What is the average life span for a horse?
A. 25 years T2.3-5d
- Q. What is meant by a milk deficit state?
A. Consume more milk than it produces T5.3-5e
- Q. A female hog before she has pigs is called a what?
A. Gilt T2.3-5d
- Q. A plant that sprouts as a single leaf is called?
A. Monocot T1.3-5e
- Q. What is the family of plants containing watermelons, squash, and cucumbers?
A. Cucurbits (CUE- CURB- ITS) T1.3-5e
- Q. Which one of Tennessee's forage grasses is infected with an "Endophyte Fungus?"
A. Fescue T1.3-5e
- Q. What is the term used to describe the rapid movement of soil and rock in response to gravity?
A. A landslide T1.3-5e
- Q. Name my AG Career: I work for the state of Tennessee and I protect and conserve wildlife?
A. Wildlife Officer or Game Warden T5.3-5b



- Q. What farm animal is most susceptible to pseudorabies (pronounced SUE-DOE-RAY-BEES)? T2.3-5d
A. Swine or Hogs
- Q. What are you doing if you dock a sheep's tail? T2.3-5d
A. Cutting it off
- Q. What is the term for growing a plant in a water medium? T4.3-5d
A. Hydroponic
- Q. What is the most fertile part of the soil? T1.3-5e
A. Topsoil
- Q. What crop do we use to produce margarine? T1.3-5e
A. Soybeans
- Q. What official heads up the USDA? T5.3-5f
A. The Secretary of Agriculture
- Q. Where would you find an A, B, and C horizon? T1.3-5e
A. In a soil profile
- Q. What stinging insect has invaded southern Tennessee recently? T4.6-8f
A. Fire Ant
- 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. How is the majority of livestock sold in the United States? T2.3-5d
A. Public Auction
- 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 agriculture term for a round bale of hay in a big plastic bag? T4.3-5d
A. Haylage (Pronounced HAY LIJ)
- 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. Name my AG Career: I maintain trees and shrubs by trimming and pruning them. T5.3-5b
A. Arborist (R-BOAR-IST)
- Q. What is the Tennessee state butterfly? T4.6-8f
A. Zebra Swallowtail
- 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 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 does the agriculture term "outcrops" refer to? T1.3-5e
A. Large rocks sticking up out of the ground hindering cultivation of the land
- Q. What is the proper name for a single freshwater shrimp? T1.3-5a
A. Prawn
- 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 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 Mexican insect spread into the southeastern U.S. causing millions of dollars in damages to cotton crops? T4.6-8f
A. Boll Weevil
- Q. Caterpillars are the larvae for what type of insect? T4.6-8f
A. Butterflies or Moths (either is correct)
- Q. What is the name of the feed that is highest in energy content? T1.3-5e
A. Corn
- 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. What invasive insect which resembles a small June bug, preys on Tennessee's fruit trees? T4.6-8f
A. The Japanese Beetle



- 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 is defined as an agent or chemical used to destroy pests?
A. Pesticides T1.3-5e
- Q. What is the largest rodent found in Tennessee?
A. The beaver (also the largest in North America) T1.3-5a
- Q. What is mixed in soil to raise the pH?
A. Lime T2.6-8c
- 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 does a Hognose Snake do when it is threatened?
A. Plays dead T1.3-5a
- 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 term for the group of baby pigs a sow has?
A. Litter T2.3-5d
- Q. What is the most common grass found in Tennessee?
A. Fescue T1.3-5e
- Q. What is the term used to describe the change of plant species on a piece of ground over a period of years?
A. Plant Succession T1.6-8c
- Q. What was the first crop raised by settlers in Middle Tennessee?
A. Corn T4.6-8a



- Q. What percentage of Potassium is contained in a 100 pound bag of 6-12-12 fertilizer? T2.6-8c
A. 12 percent
- Q. In what structure is silage stored? T4.3-5a
A. Silo
- Q. What is applied to soil to increase soil nutrients and crop yield? T2.6-8c
A. Fertilizer
- 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 fish is generally the goal of a day of fly casting? T1.3-5a
A. Trout
- Q. What Grand Division of Tennessee grows the most cotton? T3.6-8i
A. West Tennessee
- Q. What trees have a pome? T1.6-8c
A. Apple Tree or Pear Tree
- Q. What does the term forage crop mean? T1.6-8c
A. A crop providing roughage (Pasture, Hay, and Silage)
- 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 is the official state game bird of Tennessee? T1.3-5a
A. Bobwhite quail
- Q. What western mammal has drifted into Tennessee causing much alarm to farmers? T1.3-5a
A. Coyote
- Q. Name my AG Career: I design new equipment to be used in farming and agriculture? T5.3-5b
A. AG. Engineer
- Q. What type of crop is grown simply to conserve and develop the soil? T1.6-8c
A. A "cover" crop
- Q. What does the agriculture term IPM stand for? T2.6-8c
A. Integrated Pest Management
- Q. The Red Cedar is in reality what type of tree? T1.6-8c
A. Juniper



- Q. What is the most popular Christmas tree grown in Tennessee?
A. White Pine T1.6-8c
- Q. What does the animal nutritional term TDN stand for?
A. Total Digestible Nutrients T4.3-5d
- Q. How many frost-free days are required to grow cotton?
A. 200 T1.6-8c
- 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 part of a horse bridle fits in the horse's mouth?
A. The bit T4.3-5a
- 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. The wool from one sheep is called what?
A. Fleece T2.3-5d
- 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. A wide stripe down the face of a horse would be called a what?
A. A Blaze T2.3-5d
- Q. What part of the dairy cow holds and stores the milk?
A. Udder T2.3-5d
- Q. What are Rat-L-Traps, Jitterbugs, and Rooster Tails?
A. Artificial fish baits T1.6-8c
- Q. How much does a bale of cotton weigh?
A. 480 pounds T4.3-5a
- Q. What is the term for plowing or cultivating around the hill as opposed to up and down?
A. Farming on the Contour T1.6-8c
- 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 crop in Tennessee is referred to as "White Gold?"
A. Cotton T3.6-8i
- Q. What is another name for grain sorghum?
A. Milo T1.3-5e
- Q. Name the country where the Clydesdale originated.
A. Scotland T2.3-5d
- 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. What farm animal farrows its young?
A. Swine or hogs T2.3-5d
- Q. Why would you use a fungicide?
A. Kill a fungus or blight T2.6-8c
- Q. What is the most valuable tree in Tennessee's forests?
A. Black Walnut (Used in furniture making) T1.6-8c
- Q. Aquaculture is the science of producing what product?
A. Fish T1.3-5a
- 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 crop has the most harvested acres in Tennessee?
A. Hay T1.3-5e
- Q. What is the official sport fish of Tennessee?
A. Largemouth bass T1.3-5a
- Q. Where in Tennessee does the nation's largest population of bald eagles winter?
A. Reelfoot Lake T1.3-5a
- Q. People from what country are largely responsible for the spread of domesticated horses world-wide?
A. Egypt T4.6-8a
- 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 term used to describe the loss of topsoil?
A. Erosion T1.3-5e



- 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 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 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. What percentage of Nitrogen is contained in a 50 pound bag of 6-12-12 fertilizer? T2.6-8c
A. Six percent
- 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. Which county in Tennessee has the highest population of horses in the state? T3.6-8i
A. Rutherford County
- Q. What grand division of the state has the most Dairy Cattle? T3.6-8i
A. East
- Q. What Tennessee county is renowned for its orchards and nurseries? T3.6-8i
A. Warren County
- Q. Where is the largest pecan tree in the world located? T3.6-8i
A. Natchez Trace State Park
- Q. What introduced weed is known as the vine that ate the south? T2.6-8c
A. Kudzu (pronounced CUD ZOO)
- Q. Which Grand Division of Tennessee produces the most alfalfa? T3.6-8i
A. Middle
- Q. What is the principle ingredient in the insecticide DiPel or BT? T2.6-8c
A. Bacteria (an organic pesticide)
- 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 does the term "marbling" mean as it relates to meat? T3.6-8g
A. Amount of fat within the meat
- Q. Tennessee ranks number one in the country in the production of what wooden item? T3.6-8i
A. Pencils
- Q. Lady bugs are beneficial insects because they prey on what farm pest? T2.6-8c
A. Aphids
- Q. What are the only insects that produce food for humans? T4.6-8f
A. Honeybees
- Q. Which grand division of the state depends the most on the row crop part of Agriculture? T3.6-8i
A. West Tennessee
- Q. What is an invasive species? T2.6-8c
A. An organism not native to an area



- Q. What is literally the "Highest Court in the Land?" 4.42
A. The Supreme Court
- Q. What does the constitutional term "ratify" mean? 4.42
A. to give formal consent to
- 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. Which article of the US Constitution defines the sovereignty of the United States? (SOV-URN-TEE) 4.42
A. Article 6
- 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. 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. Section 2 of Article 1 of the US Constitution deals with what part of government? 4.42
A. The US House of Representatives
- 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. What branch of government ratifies treaties with other nations? 4.42
A. The US Senate
- 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. What do you call a group of citizens called together to hear a legal case? 4.42
A. Jury
- Q. Article 1 designates that all US Senators must be what age before taking office? 4.42
A. 30 years of age
- 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. Which branch of government is responsible for signing bills into law? 4.41
A. The Executive Branch



- Q. Which Article of the US Constitution outlines how to make changes and updates to the document? 4.42
A. Article 5
- Q. What happens if a vote is tied in the US Senate? 4.42
A. The Vice-President breaks the tie
- Q. Who leads the Supreme Court of the United States? 4.41
A. The Chief Justice
- Q. Which Article of the US Constitution outlines the powers of Vice-President? 4.42
A. Article 2
- Q. Cruel and unusual punishment is prohibited by what US Constitutional Amendment? 4.42
A. 8th Amendment
- 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. What is the term of office for a United States Representative? 4.42
A. Two years
- Q. What describes how each branch of government limits and shares powers with the other branches? 4.41
A. Checks and Balances
- 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. What principal within our US Constitution divides the influence among different entities within our Government? 4.41
A. Separation of Powers
- Q. What branch of government interprets the laws? 4.42
A. Judicial
- Q. What branch of government determines if a law is unconstitutional? 4.41
A. The Judicial Branch
- Q. Section 3 of Article 1 of the US Constitution deals with what part of government? 4.42
A. The US Senate
- Q. What branch of government enforces the laws? 4.41
A. Executive
- Q. How many United States Senators does each state have? 4.42
A. Two (2)



- 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. 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. How many amendments make up the Bill of Rights? 4.39
A. 10
- Q. Article 1 designates that all US Representatives must be what age before taking office? 4.42
A. 25 years of age
- Q. What branch of government deals mainly with the creation of laws? 4.41
A. The Legislative Branch
- Q. Freedom of the Press is ensured in what US Constitutional Amendment? 4.42
A. 1st Amendment
- 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. 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 is the approximate size, in population, of a US Congressional District? 4.42
A. 700,000 people
- Q. Freedom of Religion can be found in what amendment? 4.42
A. 1st Amendment
- Q. Who presides over the US House of Representatives? 4.42
A. The Speaker of the House
- Q. What does the word Posterity (PAHS-STAIR-UH-TEE) in the Preamble mean? 4.42
A. future generations of people
- Q. Freedom to speedy trial is ensured in what US Constitutional Amendment? 4.42
A. 7th Amendment
- 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. How many electoral votes does it take to be elected President of the United States? 4.42
A. 270 (as of 2008)
- 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. Unreasonable searches and seizures is prohibited by what US Constitutional Amendment? 4.42
A. 4th Amendment
- 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. The Right to Petition the Government is ensured in what US Constitutional Amendment? 4.42
A. 1st 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 limited the ability of former Confederate leaders to hold federal office? 5.20
A. The 14 Amendment
- Q. Which part of Congress is referred to sometimes as the 'Lower Chamber?' 4.42
A. The US House of Representatives
- 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. Article 3 of the US Constitution defines what branch of government? 4.42
A. The Judicial Branch
- Q. Article 2 of the US Constitution defines what branch of government? 4.42
A. The Executive Branch
- Q. Article 1 of the US Constitution defines what branch of government? 4.42
A. The Legislative Branch
- 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. 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. 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. Which part of Congress is referred to sometimes as the 'Upper Chamber?' 4.42
A. The US Senate
- Q. What state was admitted to the union during the Compromise of 1850? 5.40
A. California
- Q. Which state has the largest number of US Representatives? 4.42
A. California (53)
- Q. What is the fewest electoral votes any state has? 4.42
A. 3 (seven states and DC have three)
- Q. What is the fewest electoral votes any state has? 4.42
A. 3 (seven states and DC have three)
- 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. How do you determine a state's electoral votes? 4.42
A. By adding the number of US Representatives and Senators.
- 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. 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. Which Article of the US Constitution defines the method by which new states are admitted into the Union? 4.42
A. Article 4
- Q. What is the most electoral votes any state has? 4.42
A. California has 55
- 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. The right to an attorney for any accused person is guaranteed by what US Constitutional Amendment? 4.42
A. 7th Amendment
- 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. The US Secretary of State is part of which branch of government? 4.42
A. The Executive Branch



- 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. Being tried two times for the same crime is prohibited by what US Constitutional Amendment? 4.42
A. 5th Amendment
- 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. Freedom to peaceably assemble is ensured in what US Constitutional Amendment? 4.42
A. 1st Amendment
- Q. What Amendment repealed the "Three-Fifths" clause in the US Constitution? 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 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. What Amendment to the US Constitution prohibiting states from passing unfair laws? 5.20
A. The 14 Amendment
- Q. What Amendment to the US Constitution guaranteed equal protection under the law? 5.20
A. The 14 Amendment
- 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 guaranteed full citizenship to anybody born on American soil? 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 was the purpose of the 13th Amendment to the US Constitution? 5.20
A. to Abolish Slavery in America
- Q. What armed rebellion in 1787 served as a catalyst for the calling of a Constitutional Convention? 4.39
A. The Shays Rebellion
- 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. 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 banned paying slave-owners for the loss of their slaves? 5.20
A. The 14 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 the right to vote regardless of race or color? 5.20
A. The 15 Amendment
- Q. Laws designed to separate and limit full rights to black citizens are referred to as what? 5.41
A. Jim Crow Laws
- 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. What Amendment to the US Constitution implemented the modern income tax system? 5.40
A. The 16 Amendment
- Q. How many electoral votes are allocated to Tennessee? 4.42
A. Eleven (11)
- Q. What state was admitted to the union during the Compromise of 1850? 4.67
A. California
- Q. Who was the first US Secretary of the Treasury? 4.46
A. Alexander Hamilton
- Q. Who was the first US Secretary of State? 4.46
A. Thomas Jefferson
- Q. Members of the US Military are technically members of what branch of government? 4.42
A. The Executive Branch
- Q. The US Speaker of the House is part of which branch of government? 4.42
A. The Legislative Branch
- Q. The right to bear arms is ensured in what US Constitutional Amendment? 4.42
A. 2nd Amendment
- 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. What was the first Amendment to be ratified in the 20th Century? 5.40
A. The 16 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. Freedom of the press is ensured in what US Constitutional Amendment? 4.42
A. 1st Amendment
- 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. What is a simple definition of the Constitutional term Article? 4.42
A. Part
- Q. What Amendment to the US Constitution shut down the Jack Daniels Distillery in Lynchburg, Tennessee? 5.24
A. The 18 Amendment
- Q. What does the term enfranchise mean? 5.24
A. Give The right to vote
- Q. What Amendment to the US Constitution repealed the 18th Amendment? 5.40
A. The 21 Amendment
- 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. 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. What is the term of office for a United States Senator? 4.42
A. Six years
- Q. The 18 Amendment is often referred to by what name? 5.40
A. Prohibition (PRO-UH-BISH-UN)
- 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 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 are the first ten amendments to the US Constitution called? 4.39
A. The Bill of Rights
- Q. How long did the 18th Amendment last before being repealed? 5.40
A. 15 years
- Q. Which Article of the US Constitution outlines the crime of Treason? 4.42
A. Article 4
- 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. Having soldiers quartered in your home during peacetime is prohibited by what US Constitutional Amendment? 4.42
A. 3rd Amendment
- Q. What does it take to override a Presidential Veto? 4.42
A. two-thirds majority (2/3) vote in both Houses.
- 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. 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. The Amendment process is outlined in what Article of US Constitution? 4.41
A. Article 5
- Q. Having separate water fountains for black and white citizens was an example of what type law? 5.41
A. Jim Crow Laws
- 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. 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. During what war was the 13th Amendment to the US Constitution passed? 5.20
A. The Civil War
- 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. Which Article of the US Constitution outlines the powers of Supreme Court? 4.42
A. Article 3
- Q. Which Article of the US Constitution outlines the powers of President? 4.42
A. Article 2
- Q. Which Article of the US Constitution outlines the powers of Congress? 4.42
A. Article 1
- Q. What title is conferred upon the leader of the U.S. House of Representatives? 4.42
A. Speaker of the House
- Q. Having separate schools for black and white children was an example of what type law? 5.41
A. Jim Crow Laws



- Q. What is the term for the removal of water from food? THES 5.
A. Dehydrated
- Q. What is the name of an object made by hand from your own idea, skill and method? VA 1.3
A. Craft
- Q. What type of drug is alcohol? THES 13
A. Depressant
- 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 do azalea, iris, and holly have in common? THES 11
A. They are common house plants which are poisonous
- Q. What is a drug which can only be purchased with a physician's order? THES 13
A. Prescription Drugs
- Q. Which class of fire involves flammable liquids, gases, oil and grease? THES 10
A. Class "B" fire
- Q. What is the term for a disease that is transmitted to humans by food? THES 5.
A. Foodborne Illness
- Q. In food safety, what is the Danger Zone? THES 5.
A. Temperatures between 40 and 140 degrees Fahrenheit (where bacteria multiply fastest)
- Q. What percent of traffic accidents are alcohol related? THES 13
A. 60 percent
- Q. Which class of fire involves wood, cloth, and paper? THES 10
A. Class "A" fire
- Q. What is a chemical compound essential to good nutrition and bone structure? THES 5.
A. Mineral
- Q. Which class of fire occurs in electrical wiring and electronic equipment? THES 10
A. Class "C" fire
- Q. What is a "PFD" as it relates to safety? THES 10
A. A Personal Flotation Device
- 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 should be dialed in case of emergency? THES 11
A. 911



- Q. What kind of camera lens can bring your subject closer to you? VA 1.1
A. Telephoto
- Q. What is the term for the main object you want in your photograph? VA 2.3
A. Subject
- Q. What is the light proof area used for processing film? VA 1.1
A. Darkroom
- Q. What is the term for something which can be seen through clearly, like glass? VA 2.1
A. Transparent
- Q. What is the type of knitting done with a long hooked needle? VA 1.2
A. Crochet
- Q. What is the method of drawing done without any help from any drawing instruments? VA 1.3
A. Freehand
- Q. What is the term for something that cannot be seen through? VA 2.1
A. Opaque
- Q. If you add white to a color, you change the color's what? VA 2.1
A. Tint
- 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 is the type of craft where you paint on a wooden surface? VA 1.3
A. Tole Painting
- Q. What color is defined as a pale or light purple? VA 2.1
A. Lavender or Lilac
- 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 type of drug can be bought without a physician's order? THES 13
A. Over-the-Counter Drug
- Q. Americans get most of their sodium intake from what ingredient added to foods during processing? THES 5.
A. Salt
- 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 of tornado would have winds of 100 miles per hour? THES 11
A. F-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 vitamin helps your body utilize calcium better?
A. Vitamin D THES 5.
- Q. What is the cancer causing radioactive gas that can seep into your home from underground?
A. Radon THES 9.
- Q. Foods high in soluble fiber can lower what substance in your blood?
A. Cholesterol THES 5.
- Q. What can be defined as a style that gains sudden popularity and declines quickly?
A. Fad THES 13
- Q. What is the term for the exceptionally high tides which accompany hurricanes causing much damage?
A. Storm Surge THES 11
- 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. A tornado with wind speeds of 300 miles per hour would be considered what class tornado?
A. F-5 THES 11
- Q. What is the normal resting heart rate (heart beats per minute)?
A. 60 to 90 THES 4.
- Q. What is the name given to an earthquake which follows another earthquake?
A. An Aftershock THES 11
- 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 is the leading cause of infant deaths in Tennessee?
A. Low birth weight THES 9.
- Q. What mineral helps the thyroid gland to work properly and is usually found in salt?
A. Iodine THES 5.
- Q. Which boat has the right of way...a motor boat or a sail boat?
A. The sail boat THES 10
- Q. What is the first responsibility of any baby sitter?
A. Safety of the child THES 10



- 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 is used in sewing to give shape to a garment by rounding flat fabric to fit curves? VA 1.3
A. Darts
- Q. What is an unplanned event that usually results in an injury or damage? THES 10
A. Accident
- Q. What is the standard number for information? THES 11
A. 411 or 1411
- 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. How often should you have a dental check-up? THES 2.
A. 2 times per year (every 6 months)
- Q. Which tornado would be more dangerous an F-1 or an F-5? THES 11
A. F-5
- Q. What harmful substance is in the paint of most houses built before 1960? THES 10
A. Lead
- Q. What kind of paint is made of powder mixed with glue and water? VA 1.2
A. Tempera
- Q. Your body turns extra protein into what? THES 5.
A. Fat
- 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. If you add black to a color to make it darker, you are changing the color's what? VA 2.1
A. Shade
- Q. Which type of cancer kills the most people in the United States? THES 9.
A. Lung Cancer
- Q. Which school in the University of Tennessee system is located in Southeast Tennessee? LSED
A. The University of Tennessee at Chattanooga
- Q. Name the only state university in Tennessee named for a former governor? LSED
A. Austin Peay State University
- Q. What state university in Tennessee changed its name in 1994? LSED
A. University of Memphis from Memphis State University



- Q. What happened to the University of Tennessee at Nashville? LSED
A. It is now part of Tennessee State University
- Q. What were "normal" schools? LSED
A. Schools founded to train teachers
- Q. Which school in the University of Tennessee system is located in West Tennessee? LSED
A. The University of Tennessee at Martin
- Q. What Tennessee university is located near Sewanee, Tennessee? LSED
A. The University of the South
- Q. Tusculum College, Tennessee's oldest college, is how much older than the University of Tennessee? LSED
A. One Day! (Tusculum founded on Sept. 9, 1794 and the University of Tennessee on Sept. 10, 1794)
- Q. What is the device in a camera that opens and closes causing the film to be exposed forming an image? VA 1.1
A. Shutter
- Q. What is the most common stitch on a sewing machine? VA 2.1
A. Straight Stitch
- Q. Where is the University of Tennessee Space Institute located? LSED
A. Tullahoma
- Q. What is the name of the three-legged supporting stand used to hold a camera steady? VA 1.1
A. Tripod
- Q. What university in Tennessee was originally known as Dixie College? LSED
A. Tennessee Tech University
- Q. What is the main use of an emery bag on a pin cushion? VA 1.1
A. To keep needles and pins sharp
- Q. What is the term for getting all of your subject in the photograph? VA 2.3
A. Framing your subject
- Q. What type camera lens allows you to frame more area from right to left? VA 1.1
A. Wide-angle lens
- Q. What is the part of the scene that appears behind the subject in a photograph? VA 2.1
A. Background
- Q. What machine has a needle bar, a throat plate, and a bobbin? VA 1.1
A. Sewing machine
- Q. What is the photographic term for taking a picture with no flash? VA 2.3
A. Existing light photography



- 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 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 term used to describe the weaving together of three or more cords, wires or string?
A. Braid VA 1.3
- Q. What is the material called that gives fabric body and shaping?
A. Interfacing VA 2.3
- Q. Exercise makes your bones what?
A. Stronger THES 4.
- Q. The color teal is defined as what?
A. Dark greenish blue VA 2.1
- 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 used to describe two images taken at different times appearing on the same photograph?
A. Double exposure VA 1.3
- Q. What type painting is the hardest to clean-up?
A. Oil Painting VA 1.2
- 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 a combination of colors that lie next to each other on the color wheel called?
A. Analogous or Related (UH-NAL-UH-GUS) VA 2.1
- Q. When studying colors, what are colors called that contain blue?
A. Cool Colors VA 2.1



- Q. In sewing, what is pivoting? VA 2.1
A. Turning a corner
- 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 term refers to the brightness or dullness of a color? VA 2.3
A. Intensity
- Q. In sewing, what is the guide or directions for making a specific garment called? VA 2.3
A. Pattern
- Q. What university in Tennessee was originally known as Grant University? LSED
A. UT Chattanooga
- Q. What does the term motif mean? VA 2.1
A. A single design unit which can be repeated
- Q. What is the term for the way a surface feels when touched? VA 2.1
A. Texture
- Q. What is the nutrient needed to prevent anemia? THES 5.
A. Iron
- Q. What is the unit by which food energy is measured? THES 5.
A. Calorie
- Q. What grain is pasta made from? THES 5.
A. Wheat
- Q. What is the grain from which flour is made? THES 5.
A. Wheat
- Q. What nutrient builds bones and teeth? THES 5.
A. Calcium
- Q. What is the term for adding a desirable substance to a food increasing the food value? THES 5.
A. Fortified
- Q. What type nutrient in food provides energy to the body? THES 5.
A. Carbohydrates
- Q. What is a list of dishes or foods served at a meal? THES 5.
A. Menu
- Q. What is skim milk? THES 5.
A. Whole milk with the fat or cream removed



- 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. In what town is Austin Peay State University located?
A. Clarksville LSED
- Q. What state university was first named Hall-Moody Institute?
A. University of Tennessee at Martin (would accept simply UT-Martin) LSED
- Q. At what temperature should cold foods be stored?
A. 40° F or colder THES 5.
- 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. This part of the UT System does not have any undergraduate students but houses the UT School of Medicine and Dentistry?
A. The University of Tennessee at Memphis LSED
- Q. What Tennessee city is the home of UTC?
A. Chattanooga (University of Tennessee at Chattanooga) LSED
- Q. In what town is Middle Tennessee State University located?
A. Murfreesboro LSED
- Q. In what town is Tennessee Tech University located?
A. Cookeville LSED
- Q. What was the original name of East Tennessee State University?
A. East Tennessee State Normal School LSED
- Q. What state university was at one time University of Tennessee Junior College?
A. University of Tennessee at Martin (would accept simply UT-Martin) LSED
- Q. What state university was first named West Tennessee State Normal School?
A. University of Memphis LSED
- Q. What vitamin is called the "Sunshine" vitamin?
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) THES 5.
- Q. What state university was at one time known as "T P I?"
A. Tennessee Tech University LSED



- Q. What is the recommended amount of time for proper handwashing?
A. 20 seconds THES 2.
- Q. Concerning interior design, what is the meaning of the word emphasis?
A. Center of interest VA 2.3
- Q. What is made by putting many motifs together?
A. Pattern VA 2.3
- Q. What was the first of the "normal" schools to enroll students?
A. Middle Tennessee Normal School LSED
- Q. What 3 pieces of equipment make up the work triangle in the kitchen?
A. Stove, Sink, Refrigerator THES 5.
- Q. How are ingredients on a food label listed by nutritional importance?
A. From most to least THES 5.
- Q. What is the term for the reduction in the size of particles suspended in a liquid by the use of high pressure?
A. Homogenization (pronounced HUM-AH-GIN-UH-ZAY-SHUN) THES 5.
- Q. What can be added to fruit to prevent it from browning in the freezer?
A. Ascorbic Acid (pronounced AS-SCORE-BIC) THES 5.
- Q. By law, a beverage that is called a "fruit juice" must contain at least what percent of natural fruit juices?
A. 10 THES 5.
- Q. What type of drug produces sleep or stupor while at the same time relieving pain?
A. Narcotics THES 13
- Q. What current university was at one time known as Tennessee A & I State Normal College?
A. Tennessee State University LSED
- Q. What is the term for introducing an undesirable element?
A. Contamination THES 5.
- Q. What bugs spread Rocky Mountain Spotted Fever and Lyme Disease?
A. Ticks THES 9.
- Q. How many teaspoons of sugar does a typical 12 ounce can of carbonated soft drink contain?
A. 10 THES 5.
- Q. At what wind speed does a tropical storm become a hurricane?
A. Above 74 mph THES 11
- Q. Dietary guidelines recommend that persons obtain at least what percent of their daily calories from carbohydrates?
A. 50 THES 5.



- Q. What is the first thing you should do upon arriving on the scene of an accident?
A. Secure the scene or make sure the danger is removed or corrected
THES 11
- 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 defined as the ratio of lean body weight to fat body weight?
A. Body composition
THES 5.
- Q. What insect is spreading the West Nile Virus in this country?
A. Mosquito
THES 9.
- Q. What nutrient helps keep the body temperature at a normal level?
A. Water
THES 5.
- Q. What Nashville university is located on the grounds of the former home of Adelia Acklen?
(Pronounced ADD-UH-LEE-SH-UH ACK-LYNN)
A. Belmont
LSED
- Q. What is a substance that prevents bacterial growth called?
A. Antibiotic
THES 9.
- Q. Which state university traces its origins to Blount College founded in 1794?
A. The University of Tennessee
LSED
- Q. What radar system has greatly improved the forecasting of tornados?
A. Doppler
THES 11
- Q. In what town is East Tennessee State University located?
A. Johnson City
LSED
- Q. What scale is used to classify a tornado?
A. Fujita Scale (pronounced FEW GEE TA)
THES 11
- Q. What is the term for the passing of nutrients into the blood stream?
A. Absorption
THES 5.
- 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 are the building blocks of protein?
A. Amino Acids
THES 5.
- Q. What type drug speeds up the central nervous system?
A. Stimulant
THES 13
- Q. What national organization issues weather watches and warnings?
A. The National Weather Service
THES 11



- Q. What is the approximate size of a lightning bolt? THES 11
A. Only 3/4 inch
- Q. How long does it take the sound of thunder to travel a mile? THES 11
A. 5 seconds
- 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 term used for when a liquid becomes a soft semi-solid mass? THES 5.
A. Coagulate
- Q. What began in 1775, when the French Government offered a prize for a new method of preserving foods? THES 5.
A. Canning
- Q. What type of accident causes the most deaths in the United States? THES 10
A. Motor Vehicles
- Q. What is the nutrient of food needed to build and repair body tissues? THES 5.
A. Protein
- Q. What are proteins in food which aid in the maturing of food? THES 5.
A. Enzymes
- 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 addictive agent found in Tobacco? THES 13
A. Nicotine
- Q. At what time of the day do most lightning deaths occur? THES 11
A. Afternoon
- Q. What is the name for vitamin B1? THES 5.
A. Thiamin (pronounced THY UH MUN)
- 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 largest voluntary health organization in the world? THES 9.
A. American Cancer Society
- Q. What does the term rancid mean? THES 5.
A. Offensive smell (It STINKS!)



- 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. What group of diseases is characterized by uncontrolled growth and spread of abnormal cells? THES 9.
A. Cancer
- Q. To prevent concussions when cycling, what piece of equipment should you wear? THES 10
A. Helmet
- Q. Which school in the University of Tennessee system is located in East Tennessee? LSED
A. The University of Tennessee at Knoxville
- Q. Where does Tennessee rank in the nation for childhood obesity? THES 9.
A. Fifth (5th) Highest!
- 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. In what direction do Tornados generally travel? THES 11
A. Northeast
- Q. What is the term for the drying out of frozen food that has been improperly packaged? THES 5.
A. Freezer Burn
- Q. Name the two types of dietary fiber? THES 5.
A. Soluble and Insoluble
- 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. At what temperature should your home freezer be set on? THES 5.
A. 0 degrees Fahrenheit
- 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 maximum time that left-overs can be left out at room temperature? THES 5.
A. Two (2) hours



- Q. What are colors called that are opposite each other on the color wheel?
A. Complementary or Contrasting VA 2.1
- Q. What does the size of the lens opening of a camera effect?
A. Depth of field in focus VA 1.1
- Q. What single food item contributes the most dietary fat to the American diet?
A. Hamburger THES 5.
- Q. At what temperature should your refrigerator be set?
A. Between 32 degrees and 40 degrees Fahrenheit THES 5.
- Q. One gram of fat contains how many calories?
A. 9 THES 5.
- Q. What is the term for predicting what the weather will do?
A. Forecasting THES 11
- Q. What is defined as the influence your contemporaries or friends have upon you?
A. Peer Pressure THES 13
- 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 statement issued when a Tornado has been spotted?
A. Tornado Warning THES 11
- 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. What type of fat is liquid at room temperature?
A. Unsaturated THES 5.



- Q. The Gulf Stream moves in what general direction along the Atlantic coast? 6.ESS2.3
A. North
- Q. A flea that lives on a dog would be considered to be what? 6.LS2.2
A. A parasite
- Q. What is another term for Mutulism? 6.LS2.2
A. Symbiotic (Pronounced SIM-BY-AH-TIC)
- Q. Major ocean currents move in what direction in the southern hemisphere? 6.ESS2.3
A. Counter Clockwise
- Q. The California Current moves in what general direction along the western coast of North America? 6.ESS2.3
A. South
- Q. What instrument is used to determine the atmospheric pressure? 6.ESS2.5
A. Barometer (pronounced BA-ROM-UH-TER)
- Q. Coal is an example of what type of natural resource? 6.ESS3.1
A. Nonrenewable
- Q. Petroleum is an example of what type of natural resource? 6.ESS3.1
A. Nonrenewable
- Q. Major ocean currents move in what direction in the northern hemisphere? 6.ESS2.3
A. Clockwise
- Q. Which type of natural resource can be used repeatedly and is replaced naturally? 6.ESS3.1
A. Renewable
- Q. What state of matter would you have if all of the atoms vibrate and move freely at high speeds? 5.PS1.1
A. A Gas
- Q. What state of matter assumes the volume of its container? 5.PS1.1
A. A Gas
- Q. Which two gasses make up the greatest percentage of the atmosphere of the Earth? 7.ESS3.1
A. Oxygen and Nitrogen
- Q. What state of matter has a fixed volume and shape? 5.PS1.1
A. Solid
- Q. What state of matter can be easily compressed? 5.PS1.1
A. A Gas
- Q. What state of matter assumes the volume of the part of the container which it occupies? 5.PS1.1
A. A Liquid



- Q. What state of matter would you have if all of the atoms vibrate and move about, and slide past each other? 5.PS1.1
A. A Liquid
- Q. What states of matter assume the shape of their container? 5.PS1.1
A. Gas and Liquid
- Q. What state of matter does not flow easily? 5.PS1.1
A. A Solid
- Q. Fresh water is an example of what type of natural resource? 6.ESS3.1
A. Renewable
- Q. Why is the California Current cold? 6.ESS2.3
A. Because it is bringing in cooler water from the North
- Q. What states of matter are not easily compressed? 5.PS1.1
A. Solid and Liquid
- Q. A remora cleaning the surface of a shark while benefiting from the protection of the shark could be described as what kind of relationship? 6.LS2.2
A. Mutualism (Pronounced MUE-CHEW-UL-IZM)
- Q. A coiled spring would be an example of what kind of energy? 4.PS3.2
A. Potential Energy
- Q. Water behind a dam is an example of what kind of energy? 4.PS3.2
A. Potential Energy
- Q. A fast car moving down the road is an example of what kind of energy? 4.PS3.2
A. Kinetic Energy
- Q. Which type of Potential Energy depends upon its mass? 6.PS3.10
A. Gravitational Potential Energy
- Q. Which type of Potential Energy occurs when objects are compressed or stretched? 6.PS3.10
A. Elastic Potential Energy
- Q. Which type of Potential Energy is determined by its electrical charge? 6.PS3.10
A. Electric Potential Energy
- Q. What is defined as air in motion? 607.8.2
A. Wind
- Q. One Astronomic Unit is defined as the average distance between what two places? 607.6.3
A. The Earth and the Sun
- Q. A coiled spring would be an example of what kind of energy? 4.PS3.2
A. Potential Energy



- Q. What instrument is used to determine the air temperature?
A. Thermometer 6.ESS2.5
- Q. What are two major types of biomes?
A. Terrestrial and Aquatic 6.LS2.4
- Q. What major ocean current effects the weather in the Atlantic particularly along the eastern North American coast?
A. The Gulf Stream 6.ESS2.3
- Q. Why is the Gulf Stream warm?
A. Because it is bringing in warmer water from the South 6.ESS2.3
- Q. An ecological area inhabited by a particular species of animal or plant is said to be its what?
A. Habitat 6.LS2.4
- Q. Which side of a mountain generally gets less rain?
A. Eastern Slope 6.ESS2.3
- Q. What is the relationship in which both organisms benefit from the relationship?
A. Mutualism (Pronounced MUE-CHEW-UL-IZM) 6.LS2.2
- Q. Stored energy in an object because of its position is known as what?
A. Potential Energy 4.PS3.2
- Q. What is the energy possessed by a body by virtue of its movement?
A. Kinetic Energy 4.PS3.2
- Q. What is defined as the biological interaction of one animal eating another?
A. Predation 6.LS2.2
- Q. Which type of natural resource can only be conserved by human management?
A. Nonrenewable 6.ESS3.1
- Q. What is an organism which breaks down dead or decaying organisms?
A. A decomposer 6.LS2.3
- Q. What is a simple definition for Abiotic?
A. Non-Living 6.LS2.4
- Q. Which type of natural resource can be replenished by human management?
A. Renewable 6.ESS3.1
- Q. Oxygen is an example of what type of natural resource?
A. Renewable 6.ESS3.1
- Q. What state of matter would you have if all of the atoms vibrate but generally do not move from place to place?
A. A Solid 5.PS1.1



- Q. What state of matter would you have if all of the atoms are well separated with no regular arrangement?
A. A Gas 5.PS1.1
- Q. What state of matter would you have if all of the atoms are close together with no regular arrangement?
A. A Liquid 5.PS1.1
- Q. What Law states that energy cannot be created or destroyed, but only transformed from one form to another?
A. Law of Conservation of Energy 4.PS3.3
- Q. Lake Michigan would be an example of what type of Biome?
A. Aquatic 6.LS2.4
- Q. The Rainforest in Brazil would be an example of what type of Biome?
A. Terrestrial 6.LS2.4
- Q. A basketball passing through a hoop is an example of what kind of energy?
A. Kinetic Energy 4.PS3.2
- Q. In terms of a biome, animals, plants, and fungi would be classified as what type of factor?
A. Biotic (Pronounced BY-OTT-TICK) 6.LS2.4
- Q. Solar Energy is an example of what type of natural resource?
A. Renewable 6.ESS3.1
- Q. What is the energy possessed by a body by virtue of its movement?
A. Kinetic Energy 4.PS3.2
- Q. What is a simple definition for Biotic?
A. Something Living 6.LS2.4
- Q. Name the three types of organisms found in any biological community?
A. Consumer, Producer, Decomposer 6.LS2.3
- Q. What is another term for moon?
A. Satellite 607.6.3
- Q. What is the term for an object that orbits around a planet?
A. A Satellite or Moon 607.6.3
- Q. What is the term for a gravity effected trajectory of an object around a planet?
A. Orbit 607.6.3
- Q. What Law states that energy cannot be created or destroyed, but only transformed from one form to another?
A. Law of Conservation of Energy 4.PS3.3



- Q. What is the chemical used in a liquid-in-glass thermometer to measure temperature?
A. Mercury 6.ESS2.5
- Q. Stored energy in an object because of its position is known as what?
A. Potential Energy 4.PS3.2
- Q. In terms of a biome, water, air and soil would be classified as what type of factor?
A. Abiotic (Pronounced A-BY-OTT-TICK) 6.LS2.4
- Q. What atmospheric pressure are you experiencing during a bright sunny day?
A. High Pressure 6.ESS2.5
- Q. A fast car moving down the road is an example of what kind of energy?
A. Kinetic Energy 4.PS3.2
- Q. What instrument is used to determine the temperature of water?
A. Thermometer 6.ESS2.5
- Q. Water behind a dam is an example of what kind of energy?
A. Potential Energy 4.PS3.2
- Q. A basketball passing through a hoop is an example of what kind of energy?
A. Kinetic Energy 4.PS3.2
- Q. What is the relationship in which one organism benefits from the relationship while the other is harmed?
A. Parasitism (Pronounced PARA- SIT-IZM) 6.LS2.2
- Q. What instrument is used to determine the pressure of the atmosphere?
A. Barometer (pronounced BA-ROM-UH-TER) 6.ESS2.5
- Q. Natural Gas is an example of what type of natural resource?
A. Nonrenewable 6.ESS3.1
- Q. What instrument is used to measure the speed of the wind?
A. Anemometer (Pronounced ANN-O-MOM-UH-TER) 6.ESS2.5
- Q. What state of matter would you have if all of the atoms are tightly packed in a regular pattern?
A. A Solid 5.PS1.1
- Q. What instrument is used to determine the amount of humidity present in the atmosphere?
A. Psychrometer or Hygrometer (Pronounced SI-Krom-uh-ter and HI- GROM-UH-TER) 6.ESS2.5
- Q. The heat from the cocoa making the cup hot in your hands is a good example of what?
A. Conduction (CON-DUCK-SHUN) 6.PS3.4
- Q. What simple type of anemometer was used on the Phoenix Mars Lander?
A. Ping Pong Ball Anemometer 6.ESS2.5



- Q. Trees are an example of what type of natural resource? 6.ESS3.1
A. Renewable
- Q. What are stream-like movements of water in the ocean called/ 6.ESS2.1
A. currents
- Q. What is defined as the temperature to which the air would have to be cooled to condense as 6.ESS2.5
moisture on surfaces such as plant leaves?
A. Dew Point
- Q. How is relative humidity expressed? 6.ESS2.5
A. Percentage
- Q. Which type of natural resource would take longer to replenish? 6.ESS3.1
A. Nonrenewable
- Q. What is the term for the planned management of a natural resource? 6.ESS3.1
A. Conservation (CON-SUR-VAY-SHUN)
- Q. Where would you find the boiling point of water to be lower than normal? 6.ESS2.5
A. At higher elevations or altitudes
- Q. What atmospheric pressure are you experiencing during a rainstorm? 6.ESS2.5
A. Low Pressure
- Q. What is the weather termed for the amount of water vapor found in the atmosphere? 6.ESS2.5
A. Humidity
- Q. What is the relationship in which one organism benefits from the relationship while the other is 6.LS2.2
neither harmed or benefited?
A. Commensalism (Pronounced CUH-MINCE-UH-LIZM)
- Q. What does it mean for an animal to be at the top of the food chain? 6.LS2.2
A. No other animal in the ecosystem preys on it. (Would also accept Apex Predator)
- Q. What is a biological community of interacting organisms? 6.LS2.2
A. An ecosystem
- Q. What is the main reason an organism in an ecosystem becomes over populated? 6.LS2.2
A. Lack of Predation
- Q. What animal is considered to be the apex predator on earth? 6.LS2.2
A. Man
- Q. What is the term for an animal which sits at the top of the food chain? 6.LS2.2
A. Apex Predator
- Q. In terms of an ecosystem what is a producer? 4.LS2.2
A. An organism which can produce its own food



- Q. What type of organism must consume materials generated by other organisms in order to survive? 4.LS2.2
A. Consumer
- Q. What is the term for the animal that is caught and eaten by another organism? 4.LS2.2
A. Prey
- Q. What is the term for the animal that catches and eats another animal? 4.LS2.2
A. Predator
- Q. What major ocean current effects the weather in the Pacific particularly along the western North American coast? 6.ESS2.3
A. The California Current
- Q. An organism which is attacked in some way by a parasite is known as a what? 4.LS2.2
A. A Host
- Q. What is the movement of heat through a material without any perceptible motion of the material? 6.PS3.4
A. Conduction (CON-DUCK-SHUN)
- Q. Which side of a mountain generally gets more rain? 6.ESS2.3
A. Western Slope
- Q. How would you describe the relationship between a tick and a dog? 6.LS2.2
A. Parasitism (Pronounced PARA-SIT-IZM)
- Q. In terms of what they eat, humans would be classified as what? 4.LS2.2
A. Omnivores (pronounced OM-NUH-VOORS)
- Q. What is defined as a biological interaction where both organisms or species are harmed? 6.LS2.2
A. Competition
- Q. What is defined as a community of plants and animals that have common characteristics for the environment they exist in? 6.LS2.4
A. A Biome
- Q. What is the term for energy traveling through space or matter in the form of energy waves or particles? 6.PS3.4
A. Radiation (Pronounced RADE-E-A-SHUN)
- Q. Hot water in a pot rising as cold water sinks causing a circular current is a good example of what? 6.PS3.4
A. Convection (CON-VECK-SHUN)
- Q. What happens when heat is transferred through air or water by a hotter material moving into a cooler place? 6.PS3.4
A. Convection (CON-VECK-SHUN)
- Q. Where would you find the boiling point of water to be higher than normal? 6.ESS2.5
A. at places below sea-level



- Q. What is an organism which lives in or on another organism and benefits at the hosts expense? 4.LS2.2
A. Parasite
- Q. What is defined as the force exerted on the atmosphere at any given point? 6.ESS2.5
A. Atmospheric or Barometric Pressure (Pronounced BEAR-O-MET-TRICK)