



4-H COMPUTERS & TECHNOLOGY ACTIVITY PAGE

Developed by **Martin Koon**, Extension Agent, Montgomery County

Beginning

Your 4-H COMPUTERS & TECHNOLOGY Project

Being able to communicate with others is an important skill. This 4-H project can help you learn about communicating through computers and technology. Some of the skills you can learn and activities you can do this year are listed below. Check your favorites. Then, work with your 4-H leaders and parents to make A 4-H project plan of what you want to do and learn this year.



Life Skill

Communicating

- Learn the many uses of computers.
- Learn about different types of computer hardware and their function.
- Learn how to care for your computer.
- Learn about different operating systems.
- Learn about different types of software.
- Learn and practice Internet safety.
- Learn how to use a word processor.
- Complete a service project using computer or technology skills learned.
- Give a computer demonstration in the 4-H club meeting.
- Other _____



Create a Scrapbook or Poster

Put together a scrapbook or poster on a topic that you have investigated on the Web. The topic can be anything, such as 4-H, dinosaurs, space, favorite TV stars, music, science fiction characters, sports cars, fun vacation spots, etc. Print the information you found on the Web and display it in a scrapbook or on a poster. Then share it with others.



Name one example of wearable technology.

Computer Care

- Visit a computer store and talk with a salesperson about proper computer care and maintenance. Tell him or her what you are currently doing to care for your computer and ask for additional tips.
- Give a demonstration to your club or class on proper care and maintenance of computers or other technology.

Learn About GPS

GPS stands for global positioning system. It is a satellite-based navigation system made up of a network of 24 satellites placed into orbit by the U.S. Department of Defense. GPS technology will "talk" to the satellites to determine your location, using latitude and longitude. For your project folder, find someone who has GPS technology and record the latitude and longitude of your home. Using the coordinates (latitude and longitude), find your home on an internet mapping site, such as Google maps, Google earth, etc. The coordinates of my home are:

What is a URL?

It is the address for a Web site.
URL stands for
Uniform Resource Locator.

Career Scavenger Hunt

By asking others, researching on the Internet or reading a book or magazine—search for a job that uses computer skills and knowledge. Here's what you are looking for.

1. Job Title _____
2. Job Description _____

3. Education Required _____

Internet Scavenger Hunt

Search the Internet for the answers to the following questions. On a separate sheet of paper, write the answers and the URL for the sites where you looked.

1. Find a recipe for your favorite food on the internet.
2. Find information about your favorite actor/actress. What new information did you learn about him/her?
3. What is your worst school subject? Find a Web site that will help you with your work in that subject.
4. What 4-H projects are there in Tennessee?

Service Ideas

- Volunteer to help younger children with computer work at a community center.
- Start a printer cartridge recycling program at your school.
- Help senior citizens learn computer skills.

Don't forget to submit your project report to your 4-H leader.



Computer Terms Word Search

E E T Y X D K I Z V Z V V S D	
S V Z O U L L Y S M S E P N T	CD-ROM
B K I D U I K E P B C E E J G	CPU
W B F R P C V I F K A J K J L	DVD
U Z H J D I H A R K N L C S C	FLOPPY DRIVE
J S D K R Y C P E V N C I S P	JOYSTICK
K G P D B R P R A Q E F T I A	KEYBOARD
N R P Z B E K P V D R L S I D	MODEM
A I O Q K E Y B O A R D Y Z V	MONITOR
Z R E T N I R P M L W C O U D	MOUSE
Q W T D I C X H O R F A J E U	PRINTER
M O D E M N P H R C U I S M P	SCANNER
K R A J H R O U D I N U M F Q	SPEAKER
E C C H U V D M C N O C A O R	ZIP DRIVE
W Q L E D S Q H U M C W T C E	

Additional Resources

Through this 4-H project, you can learn many things about communicating with others through your computer and other technology. This activity sheet has given you the opportunity to explore the parts of a computer, the Internet and other cool things that you can use to share your thoughts with others. But this is just the beginning! Use the resources listed below to continue learning about computers & technology.

- School & public libraries
- People who know about computers and technology
- Computer magazines
- Your computer manual
- 4-H project groups
- The 4-H computers & technology Web page:

<http://www.utextension.utk.edu/4h/projects/computer.htm>

Other 4-H Computer Activities

4-H Demonstrations
4-H Exhibits
4-H Project Groups
Camps

For more ideas, contact your 4-H office.

*Reviewed by John Toman, Director for Information Technology, and members of the state 4-H Youth Development staff
Edited by Lori Jean Mantooth, Extension Assistant, and Wanda Russell, Publications Editor*