

Tennessee 4-H Computers & Technology Project

Advanced





INFORMATION TECHNOLOGY

Outcome: Generate a list of common problems and solutions people experience when using computers.



EXPLORE: Step Out Activity

Set up a computer help desk at the library for individuals to visit and seek help from you. Keep a running list of what help they need from you.

How many times did you set up a help desk at the library? How much time did you spend helping people? How many people did you assist? Provide a summary of your experience.

Share the list of common problems and solutions with others in your community.

I shared with the following groups:



EXPAND & APPLY

What skills did you learn? How does this relate to every day life? How can you use this knowledge in the future?



INFORMATION TECHNOLOGY

Outcome: Create a video game



EXPLORE: Step Out Activity

Write the code for a video game that includes detail action steps.

Use this space to provide a summary of the video game you have created.

Research a software developer to explore the cost for creating your game. Explore the possibilities of copyrighting or patenting your video game to protect your creative rights.

Report your findings and share with a local 4-H Club about what is involved in creating and designing a video game.



EXPAND & APPLY

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SOFTWARE

Outcome: Describe financial applications such as mobile banking and digital tax filing.



EXPLORE: Step Out Activity

Make a list of different financial applications an individual can use. Describe the purpose of each. Use the space below to create your list.

Use your research to develop helpful tips and tricks you can share with a local 4-H club, senior center, or another location.

Where did you report your tips and tricks? How many people were impacted by your presentation? Write a summary about your experience. Were any questions asked that you did not have information for?



EXPAND & APPLY

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CYBERETHICS

Outcome: Explain the responsibility of people to act ethically online



EXPLORE: Step Out Activity

Develop a list of actions people participate in and sort them as ethical or unethical. Use the space below to write your list of actions.

Scenario: John invests a small amount in the stock market. Last year he bought and successfully employed a software package to help him with his investments. Recently, he met Mary who was also interested in using the software. Mary borrowed the package, copied it and returned it. Both vaguely knew the software was proprietary but did not read all the details. Did John and Mary do anything wrong, and if so, what? Something to consider: Should software packages be lent? When is it justifiable to break the law...bad law, inappropriate law or if the law is easy to break?

Think through this scenario and write your thoughts about the scenario.



EXPAND & APPLY

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