

SUGGESTED COUNTY FAIR CLASSES

COMPUTER CURRICULUM

The following list is intended to provide additional ideas on what to put in county fair lists. Counties will want to keep the popular existing fair entries and add some of these new project ideas. This list also provides a quick overview of the many things to make and do found in each new project booklet.

CPU 1: NEWBIE KNOW-HOW

1. Parts of a computer
2. How to operate a web browser
3. How to evaluate a web site
4. How to use a search engine
5. Ways to communicate using a network
6. How to identify potential computer risks
7. How to save a file
8. How to create folders and organize files
9. How to use word processing software
10. How to use spreadsheet software
11. How to use graphics software, images and clip art
12. Computer-generated presentation
13. Computer-generated graphic illustration
14. Computer-generated letter
15. Computer-generated greeting card
16. Computer-generated scrapbook
17. Computer-generated storybook
18. Completed member guide (08346)

CPU 2: INSIDE THE BOX

1. Computer toolkit
2. External computer components
3. Internal computer components
4. How to disassemble and reassemble a computer
5. How a computer uses numbers
6. How to troubleshoot PC hardware problems
7. Basic troubleshooting flowchart
8. Compare operating systems
9. Report on open source resources
10. How to install an operating system
11. Software toolkit
12. Compare the costs of repairing a computer to buying a new one
13. My ideal future computer
14. Computer-generated magazine or newspaper
15. Computer-generated T-shirt design
16. Completed member guide (08347)

CPU 3: PEER TO PEER

1. Plans for creating a network
2. Network hardware

3. Wireless networking
4. Network diagram with parts labeled
5. Types of network configurations
6. Types of protocols and their purposes
7. How to add a network peripheral
8. Rules of Netiquette
9. Network security
10. Compare ethical and unethical programming practices
11. Collaboration software
12. Plans for a LAN party
13. Completed member guide (08348)