

**DEPT 121- JR. COMPUTERS**  
**Superintendent - Jan Heidtke**  
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**Judging; Monday 1:00pm – 7:00pm**

Entrants need to supply their own equipment to view or present their exhibit. The equipment is for judging only and can be taken home after the item has been judged. Flash drives may be taken home. A printed title page and description of item **MUST** accompany exhibit to keep on display for the entirety of the Fair. Recommended poster size 14"x22".

**DIVISION A - Computers**

**Class No.   Premiums: \$2.00, \$1.75, \$1.50, \$1.25**

1. Labeled chart, graph, poster, or 3-dimensional display showing components of a computer and how they work.
2. Do a multimedia presentation (minimum of 10 slides)
3. Poster on some software showing how and why to use it
4. Poster or display on the functions of a keyboard
5. Educational poster or display
6. Create a basic website and steps required developing and maintaining
7. Repair or upgrade a computer with written explanation
8. Create a database and generate at least 3 reports or graphs from its data
9. Create a spreadsheet and generate at least 3 reports or graphs from its data
10. Poster, display, or multimedia presentation explaining the differences in storage media
11. Poster, display, or multimedia presentation on how to clean a computer
12. Report on the "History of....?" (Some aspect of computers: CPU, memory, storage, etc.)
13. Computer art/graphics with explanation
14. Basic "How to.....?" poster, pamphlet or power point presentation
15. Label basic elements of a window screen
16. Do a database showing all reports for a 4-H project area or Club officer duty
17. Do a spreadsheet report for a 4-H project area or Club officer duty
18. Invitation, brochure, or pamphlet created using graphics layout software (such as MS Publisher)
19. Create a software program using the language of your choice
20. Create a movie or animation using Flash or similar technology
21. Install an operating system (such as Linux) on a computer and show the steps required
22. Make a hardware or software "mod" to a gaming system such as Wii, PS3, Xbox, etc.
23. Use photo editing software (Photoshop, Paint Shop Pro, etc.) on a digital photo or photos.
24. Create a mashup – combine data from multiple Internet sources into one web page
25. Setup a local network (wired, wireless, or a combination) this could include making the network secure, attaching multiple computers, printers, or other network capable electronics devices (TVs, smartphones, etc.)
26. Poster, display or written summary (1-3) pages on how to stay safe (private) on social networking sites such as Facebook, Myspace, Snapchat, Instagram, Twitter etc.
27. Any other project in computers with approval of the superintendent or county agent