DEPARTMENT 21

COMPUTERS

Please see the Judging Schedule for date and time.

ALL lots will be Face-to-Face Judged

Superintendents: Danielle Schneider
Ann Goers

Computer Rules and Instructions

a) Exhibitors and their families are responsible for reading and complying with the Junior Fair General Rules & Instructions.
b) The Fair Association is not responsible for articles lost/stolen during the fair.
c) Exhibitors must exhibit in their grade division. Limit of 3 entries per exhibitor and no more than 1 entry per lot number.
d) Work must have been made since the 1st day of the previous fair.
e) Exhibitors with entries that need to be shown on an electronic device are responsible for providing both…
    a. A laptop or other viewing device with viewing screen of 7" or greater for the judge to view the exhibit, and
    b. Some sort of visual portrayal of their entry that can be left on display (i.e. screenshot of programming), along with the entry tag.
f) Each entry should have a 3"x5" card which describes:
    a. Exhibitor grade and number of years in project
    b. Steps taken to complete this exhibit.
    c. What have you learned or practiced in completing this exhibit?
g) Posters must be no larger than 14"x22", and displays must be no larger than 28"x40".

CLASS A - Grades 3-6

Premiums: $ 2.00 $ 1.75 $ 1.50 $ 1.25

Lot

1. Exhibit: Computers and our lives
2. Exhibit: Computers on the job
3. Exhibit: Functions of a keyboard
4. Exhibit: Caring for computers
5. Exhibit: Computer ethics
6. Create a simple application using Scratch
7. Computer-generated letter
8. Computer-generated birthday sign
9. Computer-generated greeting card
10. Computer-generated scrapbook
11. Create an object using a 3D printer
12. Any other generated article

CLASS B – Grades 7-9

Premiums $ 2.50 $ 2.25 $ 2.00 $ 1.75

Lot

15. Exhibit: Using the Internet for research
16. Exhibit: Computer parts and their functions
17. Exhibit: How to stay safe (private) on social media sites (i.e. Facebook)
18. Create an object using a 3D printer
19. Animation program that could be used in a presentation, using animation software (ex. Adobe Director, Shockwave Studio, Flash and Fireworks or Final Cut Pro).
20. Computer Programming project in any programming language. Poster should contain a flow chart and some code (or pseudocode).
21. Redesign an existing website
22. Database or spreadsheet, with at least 3 reports or graphs generated from the data
23. Design a small game
24. Create a random number generator
25. Repair or upgrade a computer with written explanation
26. Any other computer generated article

CLASS C – Grades 10 and Up

Premiums $ 3.00 $ 2.75 $ 2.50 $ 2.25

Lot

30. Report – Using the internet to predict the future of technology
31. Exhibit: Spotlight a future computing technology
32. Exhibit: Any other appropriate/relevant topic
33. Exhibit: Crypto Currency - What are some crypto currencies and how do they work?
34. Exhibit: Non-fungible Tokens (NFT) - What are they and the technology behind them?
35. Computer-generated artwork or animation (must be completely original)
36. Build a responsive website with at least 3 pages
37. Build your own social website
38. Build a working chess game
39. Build your own e-commerce store
40. Repair or upgrade a computer with written explanation
41. Any other computer generated article