



Computer Project

Judging - Thursday, July 2, at 3pm at the Fairgrounds; Shrine Building.

A county may submit a total of three (3) state fair entries, one (1) entry per grade level division.

****Please also refer to the Policies and Procedures beginning on page 2 and the General Project Rules on page 20.***



Are you interested in computer science? Consider attending 4-H Academy at Purdue in June!

There are three exhibit grade level divisions; Grades 3-5, Beginner; Grades 6-8, Intermediate; and Grades 9-12, Advanced. Exhibits are to be skill appropriate for the member's grade level.

Youth enrolled in the computer project will select one of the below subject categories to study, regardless of grade. Youth may choose to create an exhibit demonstrating skills learned during the year. Check with your county Purdue Extension Office to determine if a computer will be available during judging and if there will be an opportunity to explain your exhibit to the judge. Poster exhibits are not acceptable. Exhibits qualifying for state fair are to be submitted on a thumb drive securely attached to a notebook/portfolio describing accomplishments, skills learned, design ideas, budget, a summary of what was done, etc. as the exhibitor will not be able to discuss their work with a judge. Youth may continue in the same subject category in subsequent years expand on the previous year's topic, or choose a new topic. Subject categories are:

- Hardware and Networking Design/Installation/Repair
- Software or Smartphone App Programming and Development
- Website Development
- GPS or Software Utilization
- Computer Entrepreneurship
- Computer Forensics (identity theft, online bullying, ethical use of technology, responsible social media use, etc.)
- Independent Study - A topic of your choice that does not fit in any other category

Software must be compatible on both PC and Mac platform. If additional software other than Microsoft Office Suite is required to view the member's work, that software must be provided by the member and comply with all manufacturer copyright laws. Apps can be Android or IOS compatible.



Electric

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1 Champion from each level to State Fair.

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Division I

Exhibit a circuit board (using kit provided, label parallel or series circuit). "What I Have Done and Learned" is required for county only.

Project Completion

1. Make a circuit board.
2. Conduct a Hazard Hunt.

Division II

*Exhibit either: magnetic powered flashlight or a poster (22" x 28") as outlined in the project manual or project CD.