



4-H & FFA DIGITAL TECHNOLOGY

JUNIOR, INTERMEDIATE, AND SENIOR DIVISIONS

Awards sponsored by: The Leatherman Family

Premiums:	Individual Productions	5.00	4.00	3.00	2.00
	Club Productions	25.00	15.00		

Ribbons: Champion Jr, Int, and Sr Classes (1-4); Champion Classes (5-6);
Champion Jr, Int, and Sr Classes (7-8)

Department is open to all 4-Her's.

1. All rules from 4-H Department Rules apply.
2. All material must adhere to the 4-H Code of Conduct. In general all productions should be rated G-PG.
3. All audio or video productions must be submitted on CD, DVD or thumb drive. Video productions must have a resolution of 1080i or 1080p and in a mp4 or avi format. Audio productions should be in a wav, mp3 or wma formats. Please list codec used for project.
4. To be submitted in writing along with file, to allow preparation for judging:
 - a. A list of programs that were used to create computer programs or to edit productions.
 - b. A list of all programs needed to open, use, execute or operate any program or graphics

5. Copyright and release:

- a. All individuals that are identifiable must have a model release submitted with the final production. Release forms are available online.
- b. All video productions must contain a title opening and closing credits, cast list, crew list, scripts, story boards, song list, and any other production information.
- c. All materials used in production must comply with copyright laws. Music must be royalty free or licensed for creative commons use. For video clips that are not recorded by the 4-H'er must also be royalty free or licensed for creative commons use. For visual productions, music information must be in credits. For audio productions, music title, artist, album, year, must be included in script.
- d. The AA statement must be displayed appropriately. (See general rules.)

4-H & FFA DIGITAL TECHNOLOGY - Cont.

Due to the nature of copyright laws, all rules will be strictly followed. Entries not containing proper releases, or violating copyright rules will be disqualified from judging.

CLASSES:

A. Computers

1. **Graphic Design** – Create a single item (brochure, postcard, flyer, etc) by computer using available graphic design programs. Entries must promote an individual 4-H project, a 4-H club, or general 4-H themes. Exhibits should be printed out for display.
2. **Program & Web Design** – Entries may be a standalone software program designed to perform a specific function (written in a common programming language) or operate a computer input/output device (such as Raspberry Pi). Entries coded shall include a human readable version of the code as well as a compiled version that will run on Microsoft Windows. Entries that are operating a computer device shall include a written description of the program and functions that the device is supposed to perform including logic paths (and, or, nand, nor, not, etc). No AA statement required.
3. **Presentations** – Create a slideshow presentation using any major presentation software and shall convey a subject or idea from beginning to end. Presentations should be informative and include elements that make the presentation interesting for the audience.
4. **Spreadsheets** – Create a single page spreadsheet. Each entry will provide a spreadsheet with data separated in at least 3 rows and 3 columns. Include at least one formula to solve a specific calculation. Entries may use color, font, and other elements to style entry. (i.e. sorting, index, etc.) No AA statement required.

B. Digital Productions

1. **Club Video Presentation** – Each club may submit one (1) video production representing or promoting the club/4-H. Club productions shall involve at least 1/3 of the total club membership in some production role (including on camera/air, crew, post production, etc).
2. **Club Audio Presentation** – Each club may submit one (1) audio production representing or promoting the club/4-H. Club productions shall involve at least 1/3 of the total club membership in some production role (including on camera/air, crew, post production, etc).
3. **Individual Video Production** – Entry may be any length, and must include opening title or ending credits, opening and closing must contain at least :05 seconds of black video and silent audio. Production must promote 4-H in some way.
4. **Individual Audio Production** – Entry must be either :30 or :60 seconds total from beginning to end, opening and closing must contain at least :05 seconds silent audio. Production must promote 4-H in some way.