SCIENCE & TECHNOLOGY

Superintendent: Bryant Sebastian, (810) 278-1021,
bryantmsebastian@gmail.com
Premiums: A=$4; B=$2; C=No premium
Judging: Monday at 2:30 p.m.
Location: Still Exhibit Barn

Fair Exhibit Requirements

1. Exhibitors must be present for interview.
2. Projects are to be in place by judging time and must remain in place until Sunday, 8 a.m.
3. Poster Board size 14"x 22" or 22"x 28" only.
4. Entries should be limited to one per category, unless entries are significantly different.

DIVISION 3701- SCIENCE EXHIBIT/DEMONSTRATIONS

Projects can be an educational exhibit of some phase of science including astronomy, chemistry, biology, physics, or any other branch of science. Projects can either be on a poster board, in a booklet, or a constructed article illustrating what the member has learned about science.

SCIENCE PROJECTS
Class 01 - Ages 9-12 yr. olds
Class 02 - Ages 13 yrs. and older

MODELS (Rockets, Spaceships or Airplanes)

All models must include a **one page project story** by the exhibitor on the model, what they learned about it and how they built it.
Class 03 - Ages 9-12 yr. olds
Class 04 - Ages 13 yrs. and older

DEMONSTRATIONS

Demonstrations should be presented in front of the judges using proper lab safety procedures, and should not last any longer than five minutes. There must be a report of the demonstration explaining how the demonstration was performed and what was learned from the demonstration, pictures are encouraged. Materials from the demonstration should be displayed during the week of the fair.
Class 05 – Ages 9-12 yr. olds
Class 06 – Ages 13 yrs. and older

DIVISION 3702 - COMPUTERS

An exhibit must include a poster and/or booklet which displays (hard copy) results of the computer project. The explanation should also show the steps used in designing the project. Please be sure to explain the purpose that the project can serve (i.e. A database for correspondence to a group for a specific purpose, a spreadsheet and maybe graphing to show the relationship between animal feedings and weight gain, etc).

Internet sites must have a sample of the printouts of the web pages with the complete URL addresses, along with an explanation of why this site is interesting and/or useful. The website should be fully functional and accessible should the internet be available during judging.

You may bring your own electronic device to judging or you may use a laptop pc computer that will be available during judging equipped with Microsoft Office programs, DVD playing capabilities and internet. The project file should be brought in on a flash drive or compact disc. All presentations should be printed out on a hard copy should there be a malfunction of hardware or software.

Class 07 - Create any graphic project.
Class 08 - Create an original computerized drawing (CAD, landscaping, etc.)
Class 09 - Create a Word Processing project.
Class 10 - Create a Database project.
Class 11 - Create a Spreadsheet project.
Class 12 - Create a computerized presentation (i.e. Microsoft Power point)
Class 13 - Write a report on the history of computers and computer language.
Class 14 - Write a report on specific application software.
Class 15 - Write a report on an imaginary or realistic invention of hardware or software & what function and purpose the invention would serve and who would use it.
Class 16 - Create your own web page.
Class 17 – Create a media presentation (i.e., iMovie, Garageband, etc.)
Class 18 - Any other computer project not previously listed.

DIVISION 3703 - SMALL ENGINES

2 and 4 Cylce Engines
Class 19 – Ages 9 – 12 yrs. old
Class 20 – 13 yrs. and older
Class 21 – Club Project
Automotive
Class 22 - Ages 9 – 12 yrs. old
Class 23 - Ages 13 yrs. and older
Class 24 - Club Project