

# DEPARTMENT H - SCIENCE

## ***Sarpy County Fair Co-Superintendents***

*Deb Albright*

*Elizabeth Pokorny*

## ***Junior Superintendents:***

*Josh Albright*

4-H Staff Person Responsible – John Kilpatrick

### **Rules:**

Science projects **MUST** include support information.

This information can be in poster or narrative form. Poster form should be no larger than 36" high x 48" wide".

Narrative form can be on 8.5" X 11" paper or 4" x 6" cards.

Support information should include each of the following sections: Title, Introduction, Materials or Methods, Results (what you learned), Literature Cited (optional), and Acknowledgments (optional).

Number of entries: multiple, please refer to Exhibit Entries Rules and Regulations  
Premiums in the Science Sections are pay level 5.

## **Department H – Science, Engineering & Technology Division 771 – Biological Sciences**

Includes, but is not limited to, botany, zoology, ecology, cell biology, microbiology, anatomy, physiology, behavioral sciences, genetics, and molecular biology.

**CLASS 901\* JUNIOR (8 - 11 YEARS OLD)**

**CLASS 902\* INTERMEDIATE (12 AND 13 YEARS OLD)**

**CLASS 903\* SENIOR (14 AND UP)**

## **Department H – Science, Engineering & Technology Division 772 – Physical Sciences**

Includes, but is not limited to, all branches of electrical engineering, chemistry and physics, including inorganic chemistry, organic chemistry, biochemistry (may overlap with molecular biology depending on main focus), mechanics, optics, aerodynamics, and electronics.

**CLASS 901\* JUNIOR (8 - 11 YEARS OLD)**

**CLASS 902\* INTERMEDIATE (12 AND 13 YEARS OLD)**

**CLASS 903\* SENIOR (14 AND UP)**

**Department H – Science, Engineering & Technology  
Division 773 – Earth Sciences**

Includes, but is not limited to, projects in astronomy, geology, meteorology, physical geography, soil science, and water quality.

- CLASS 901\* JUNIOR (8 - 11 YEARS OLD)**
- CLASS 902\* INTERMEDIATE (12 AND 13 YEARS OLD)**
- CLASS 903\* SENIOR (14 AND UP)**

**Department H – Science, Engineering & Technology  
Division 774 – Mathematics**

Includes, but is not limited to, projects in any mathematical field such as statistics, probability, game theory, or computer science.

- CLASS 901\* JUNIOR (8 - 11 YEARS OLD)**
- CLASS 902\* INTERMEDIATE (12 AND 13 YEARS OLD)**
- CLASS 903\* SENIOR (14 AND UP)**

**Department H – Science, Engineering & Technology  
Division 775 – Chemistry**

- CLASS 901\* JUNIOR (8 - 11 YEARS OLD)**
- CLASS 902\* INTERMEDIATE (12 AND 13 YEARS OLD)**
- CLASS 903\* SENIOR (14 AND UP)**

**Department H – Science, Engineering & Technology  
Division 776 – Consumer Sciences**

- CLASS 901\* JUNIOR (8 - 11 YEARS OLD)**
- CLASS 902\* INTERMEDIATE (12 AND 13 YEARS OLD)**
- CLASS 903\* SENIOR (14 AND UP)**

**Department H – Science, Engineering & Technology  
Division 771 – Biological Sciences**

- CLASS 901\* JUNIOR (8 - 11 YEARS OLD)**
- CLASS 902\* INTERMEDIATE (12 AND 13 YEARS OLD)**
- CLASS 903\* SENIOR (14 AND UP)**