

## LIFE SCIENCES - Section I

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This division allows participants a chance to learn about and experience science concepts in an area of agriculture, human ecology, or life sciences that the participant really enjoys. Below are some examples of types of projects you may conduct. Any type or combination of the types of science projects below along with creativity is encouraged. School projects are not acceptable. For a more complete description and evaluation score sheets for each type of project, contact the 4-H office.

### Awards:

**Blue - \$3.00 Red - \$2.50 White - \$1.50**

### Class #

- 1. Experiments** – Describe your hypothesis (what you think will happen), describe the procedures you performed, describe the observations you made and what conclusions you drew from your experiment. You must include photos or drawings and samples (if possible) from your experiment. If it is difficult to recreate the study for the exhibit, drawings or photographs are acceptable. Use heavy poster paper (14" x 22" minimum) as a background. Glue or tape photos and diagrams, along with sheets of white paper that include your experiment description within these sections: 1) introduction; 2) hypothesis; 3) methods; 4) results; and 5) your conclusion. Creativity is encouraged.
- 2. Public Service Projects** – These exhibits can be of any public service or public education activity you took part in that had a scientific component to it. Watershed rehabilitation, recycling programs and educational models are just a few of the possibilities here. In any case, the project exhibit posters must be clearly labeled with a written statement of what the project is, how it relates to science, and why you are interested in the project
- 3. Descriptive Science** - These are science projects, which are not experiments and are not applied service projects, but do consist of systematic observations and tell us about the natural world. Your exhibit could show summaries of what you observed (how the local bird population changes with the seasons, where flies like to breed in the barn, how many bites of food different animals eat per minute, etc.) or you could present collections and classifications of materials, which display physical or biological articles.