ROCKETRY GUIDELINES

There are three goals of the 4-H rocketry project:

1. The 4-H’er will learn how to make a rocket
2. The 4-H’er will learn how to fire the rocket safely
3. The 4-H’er will learn how to record information about the firing

Notebook

The notebook that is required is to include flight data sheets that record information about the firings of each rocket.

The notebook should also include a summary comparing the firings. The 4-H’er should begin by explaining what he/she expected to happen before the rocket was fired, then discuss what actually did happen when the rocket was fired. Did the flight go as expected? What was the difference between firings? What does the 4-H’er think caused the differences? He/she may want to experiment with different methods and then compare what happens with each.

The 4-H’er may (but is not required to) write his/her summary following this format:

- State what he/she expects to happen
- Record what he/she did
- Describe what happened
- Explain what was proved by using the firing method he/she used

Poster

The poster is to be done on 22” x 28” poster board.

The poster may be related or unrelated to the notebook. The poster may illustrate different types of rockets, explain the five stages of launching, describe how an engine is made, or any other educational topic related to rocketry or aerospace. Posters should be neat, colorful and descriptive.