

## **WEATHER AND CLIMATE SCIENCE-County & State Fair Project**

State Fair exhibits may total 3, one from each level.

A completed record sheet signed by your 4-H leader **must** be presented, along with your exhibit, at project check-in at the fair.

This project is divided into 3 levels according to the following breakdown:

<b>Level 1</b>	Grades 3, 4, & 5
<b>Level 2</b>	Grades 6, 7, & 8
<b>Level 3 (including Independent Study and Mentoring)</b>	Grades 9 and above

### **General Rules**

1. Create an exhibit that shows the public what you learned in the Weather and Climate project this year.
2. Posters must be displayed horizontally, sized 22" x 28" foam-core board or poster board mounted on a firm backing, and covered in clear plastic or other transparent material. Foam core board and plastic sleeves are available for purchase at the Extension Office.
3. Notebook exhibits must be displayed in a standard three ring binder.
4. Place a small label in the lower right-hand corner of poster or notebook with the following information: Name, Grade/Age, Club, Project and Division.
5. Refer to "How To Prepare A Poster Project" in this handbook for details on preparing posters.
6. **It is recommended/suggested that all posters, notebooks, and display boards include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include web site links, people and professionals interviewed, books, magazines, etc. It is recommended this reference list be attached to the back of a poster or display board, be the last page of a notebook, or included as part of the display visible to the public. A judge is not to discredit an exhibit for the manner in which references are listed or a lack thereof.**
7. Choose one of the options listed below, appropriate for your grade in school. Use an appropriate title for the exhibit.

### **Exhibit Requirements**

#### **Level 1**

- A poster related to an activity from the Level 1 manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for Grades 3-5.

#### **Level 2**

- A poster related to an activity from the Level 2 manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for Grades 6-8.

#### **Level 3**

- A poster related to an activity from the Level 3 manual.
- A poster and/or notebook of a weather or climate related science experiment appropriate for Grades 9-12.
- **Independent Study** – Learn all you can about a weather and/or climate topic, program, facility, project, etc. and present it on a poster or in a notebook. Include a short manuscript, pictures, graphs, and list the works cited to describe what you did and what you learned. Title your poster or notebook "Advanced Weather and Climate Science-Independent Study."
- **Mentoring** – Exhibit a poster or notebook that shows how you mentored a younger 4-H member. Include your planning, the time you spent, the challenges and advantages of mentoring, and how the experience might be useful in your life. Photographs and other documentation are encouraged. Title your poster or notebook "Advanced Weather and Climate Science-Mentor."

#### **Manuals:**

- Level 1
- Level 2

#### **Record sheet:**

Level 3  
(Rev 11/14)

4-H-NR-AT (Advanced Topic)    4-H-NR-M (Mentoring)