

ASTRONOMY: Science and Technology Literacy

PLEASE NOTE: Any changes/updates from the previous year will be BOLD and ITALICIZED! Pay special attention to any projects with BOLD, ITALICIZED WORDS because they have changed from last year.

This project is designed to provide youth and parents/guardians with the opportunity to explore and learn about the basics of astronomy. A telescope is not required for this project.

Completion, exhibition participation, and State Fair information for Astronomy			
Division/Level	Grades (suggested)	Completion Activities Needed	Maximum State Fair Entries
Level 1	Grades 3-5	<i>EXHIBITION INCLUDING STAR WHEEL –or– RECORD SHEET</i>	No State Fair Entry
Level 2	Grades 6-8	<i>EXHIBITION INCLUDING STAR WHEEL –or– RECORD SHEET</i>	No State Fair Entry
Level 3	Grades 9-12	<i>EXHIBITION INCLUDING STAR WHEEL –or– RECORD SHEET</i>	No State Fair Entry

Remember: All posters, notebooks, and display boards **MUST** 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 way references are listed. Reference Sheets are available at the Extension Office for use if needed. For personal safety, do not include personally identifiable information such as mailing address or phone numbers on posters/displays/exhibits.

SUGGESTED REFERENCE MATERIALS (available for purchase in Extension Office or download on Hendricks County Extension Website)

- **Astronomy Book (all levels)**
- **Astronomy Star Chart (all levels)**

GUIDELINES

1. Refer to the Hendricks County 4-H Policies, Entry & Exhibit Guidelines for poster and general display guidelines.
2. ***Be sure to enroll in the project on 4-H Online and enter exhibit information into FairEntry by designated date. 2024 designated FairEntry Deadline is Monday, July 1st at 11:59 p.m.***
3. Complete the Record Sheet (***if not exhibiting at the Hendricks County 4-H Fair.***)
4. Displays for this project should be no larger than 36" x 36" x 36".

Level 1: Grades 3-5 (suggested) – Exhibit any one (1) of the following:

1. Develop a notebook of any five or more completed grade appropriate activities located at the website: <http://www.edhelper.com/SolarSystem.htm> or <https://www.nasa.gov/learning-resources/for-kids-and-students/>
2. A poster related to a project or activity out of the Hendricks County 4-H Project Manual.
3. A display or poster of an idea of your own as approved by the Hendricks County 4-H Extension Educator or your 4-H Club leader.

Level 2: Grades 6-8 (suggested) – Exhibit any one (1) of the following:

1. Develop a notebook of any five (5) or more completed grade appropriate activities located at the website: <http://www.edhelper.com/SolarSystem.htm> or <https://www.nasa.gov/learning-resources/for-kids-and-students/>
2. A poster related to a project or activity out of the Hendricks County 4-H Project Manual.
3. A display or poster of an idea of your own as approved by the Hendricks County 4-H Extension Educator or your 4-H Club leader

Level 3: Grades 9 and Up (suggested) – Exhibit any one (1) of the following:

1. A poster related to a project or activity out of the Hendricks County 4-H Project Manual.
2. A display or poster of an idea of your own as approved by the Hendricks County 4-H Extension Educator or your 4-H Club leader.