

ASTRONOMY: Science and Technology Literacy

PLEASE NOTE: Any changes/updates from the previous year will be **BOLDED 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 <i>(suggested)</i>	Completion Activities Needed*	Maximum State Fair Entries
Level 1	Grades 3-5	Record Sheet and Star Wheel	No State Fair Entry
Level 2	Grades 6-8	Record Sheet and Star Wheel	No State Fair Entry
Level 3	Grades 9-12	Record Sheet and Star Wheel	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.

GUIDELINES

1. Refer to the Hendricks County 4-H Policies, Entry & Exhibit **Guidelines** for poster and general display guidelines.
2. 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: NASA – Kids Home <http://www.nasa.gov/audience/forchildren/activities/index.html> or <http://www.edhelper.com/SolarSystem.htm>
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: NASA – Kids Home <http://www.nasa.gov/audience/forchildren/activities/index.html> or <http://www.edhelper.com/SolarSystem.htm>
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.

ENTRY & EXHIBIT GUIDELINES FOR THE HENDRICKS COUNTY 4-H FAIR

All exhibits and entries must be made during the period indicated on the fair schedule.

1. All exhibits must be picked up during the allotted time period or ribbons and awards will be forfeited.
2. All project selections must be made on 4-HOnline. Exhibits that will be presented/displayed at the Hendricks County 4-H Fair must be entered into FairEntry online by designated date.
3. **Judges evaluating exhibits should recognize individual differences and creativity, therefore using information in this handbook as a guide rather than a requirement.**
4. All non-livestock exhibits must include an exhibit label in the lower right hand corner of their exhibit available from FairEntry. Livestock exhibits will receive stall/cage cards when the project is brought to the fairgrounds.
5. In case of an unavoidable circumstance, such as death of animal or drought, which prevents members from exhibiting, insert an explanation in your record book, signed by your parent or guardian and 4-H Leader, and turn book in at the Extension Office to be considered as completing the project.
6. White cards ("My Record of Achievement") must be turned in to exhibit in 4-H. Completion cards must be presented at check-in.
7. **Members are eligible to exhibit their project via Interactive Demonstration during the County Fair, but will not qualify for State Fair. Additionally, Interactive Demonstrations will be a non-judged exhibit option where members may showcase what they have learned in the project to the general public. All projects have the option for Interactive Demonstration exhibit at the county level.**
8. A 4-H member can exhibit in only one division of each project.
9. All exhibitors will receive ribbons. Exhibits in the livestock classes will receive ribbons designated first to tenth places with all exhibits below tenth receiving achievement ribbons. All other projects will be graded as to quality with the highest quality to receive blue ribbons; average quality, red ribbons; below average, white ribbons. Any exhibit not meeting the **guidelines** of the project will be judged on its merit then lowered one placing ribbon. Exhibit entered late, improperly, or not judged will receive a green merit ribbon. Exhibits with exceptional merit will be awarded honor group ribbons as determined by the judge.
10. **Posters are to be 22"x28" and displayed horizontally and placed in a clear plastic sleeve or covered with clear plastic to protect its contents. Display boards should be designed to sit on a table using no more than 36" of tabletop space. Space should be left in the lower right hand corner to place an exhibit tag provided by Purdue Extension Staff.**

The dimensions for the poster are 22 inches tall and 28 inches wide.

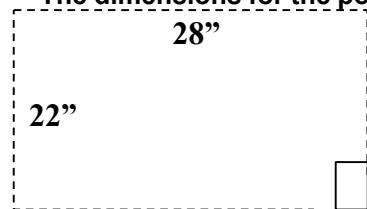


Exhibit tag comes from information entered on FairEntry prior to the 4-H Fair. The exhibit tag needs to go on the outside of the plastic sleeve in the bottom right hand corner.

11. State Fair Livestock 4-H entries are to be entered on the State Fair website by the 4-H member by June 1. The Extension Office will make all other non-livestock project entries through FairEntry.
12. Use of skateboards, skates, roller blades, and bicycles are prohibited on the grounds unless in conjunction with a fair event.
13. Dogs and other domestic animals are prohibited on the grounds unless in conjunction with a 4-H Fair event or dogs being used as service animals for impaired individuals.
14. All judges' decisions will be final.
15. **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.
16. For personal safety concerns, notebooks/posters/displays exhibited should only contain name, county, grade, level, and club if needed. Do not list personally identifiable information (i.e. phone, address, etc.).