

# REGIONAL Science Fair

## Project Categories

4<sup>th</sup> graders only

Category	Description
<b>Animal Sciences</b>	The study of animals and animal life, including the study of the structure, physiology, development, and classification of animals.
<b>Behavioral and Social Sciences</b>	The study of the thought processes and behavior of humans and other animals in their interactions with the environment studied through observational and experimental methods. (Includes product testing.)
<b>Chemistry</b>	The study of the characteristics and composition of substances, how they formed, how they change, and how they react with other substances.
<b>Earth Science</b>	The study of soils, rocks, water and weather.
<b>Engineering</b>	The practical applications of science and math to design, manufacture, and operate efficient and economical structures or machines.
<b>Environmental Sciences</b>	The study of managing mans' interaction with the environment OR the analysis of existing conditions of the environment.
<b>Microbiology</b>	The study of plants and animals so small they can only be seen through a microscope. Bacteria, molds, and most protozoans are microorganisms.
<b>Physics and Astronomy</b>	The study of matter and energy and of interactions between the two (including forces and motion). Astronomy is the study of anything in the universe beyond the Earth.
<b>Plant Sciences</b>	The study of plant life, including growth and development.
<b>4th Grade Group</b>	<b>Fourth grade students</b> may complete a group project ( <u>3 or fewer students per group</u> ) in any of the above categories.