



# SCIENCE FAIR

Each child will have the opportunity to create a science fair project, in which the entire family can participate. We will invite the children to bring in the work they have created to share with classmates and parents for our “Science Fair”. Your child's teacher will inform you of the event date.

## Science Project Steps

### Instruction Guide to Share with your Child

- 1. Choose your topic:** What topic from the chosen focus would you like to learn more about?
- 2. Determine your driving question:** The driving question should be stated clearly and neatly in whatever form your final presentation takes.
- 3. Find resources:** Use resources such as books, interviews, videos, and web searches to find the information needed for your project.
- 4. Research your topic and determine your experiment:** Research your topic of choice and generate questions you can answer through your research.
- 5. Complete your experiment:** Complete a science experiment based off your topic and use it as part of your research.
- 6. Write about your discoveries:** Share the information that you have learned in writing.
- 7. Create a display:** From your research, create a scrapbook, presentation board, diorama, mobile, video presentation, or other creative display to show your discoveries and mastery of the subject matter.
- 8. Label your project:** Label the display with your name, age, and grade level.
- 9. Share at the Science Fair:** Bring your display/project to the Science Fair and share your newly acquired knowledge with friends and family.

These early experiences of diligent research practices and reporting will lay a firm foundation for the rest of their educational endeavors.



**Thank you for participating in the Science Fair!**

# Research Topics

The following are the assigned units of study, listed by school year, that lend themselves towards both the Classical Model as well as wonderful, hand-on projects. These are suggestions for topics of research, but the possibilities are endless.

2023	2024	2025
Geology	Meteorology	Astronomy
Geologic Dating Methods	Structure of the Earth's Atmosphere	Planets
The Great Flood	The Work of Air	Sun, moon, stars
The Search for Noah's Ark	Weather vs. Climate	Galaxies
The Great Ice Age	Weather in the Bible	Star of Bethlehem
Glaciers: Movement of Glaciers	Water Cycle	Comets
The Earth's History	Cloud Formation	Northern Lights
Layers of the Earth	Cloud Types	Falling Stars
Ocean Zones	Precipitation	Milky Way
Types of Rocks	The Dust Bowl	Attraction & Gravity
Artificial Islands	Air Masses and Weather Fronts	3 States of Matter
Minerals & Gems	Energy from the Wind	Constellations
Plate Tectonics	Wind	Nautical Star Mapping
Mountains	Thunderstorms	Black Holes
Earthquakes	Tornadoes	Eclipses
Volcanos	Hurricanes	Phases of the Moon
Caves	Tsunamis	Goldilocks Zone & Kepler 186f
Geysers	Weather Myths	Growing Plants in Space
Weathering and Erosion	Weather Instruments	Recycling in Space
Geography of the Ocean Floor	Forecasting Weather	Astronaut Training
Soils	Weather Stations	The Space Race (& Moon Race)
The Grand Canyon	Ocean Currents	Human "Computers"
	El Nino and Global Warming/Cooling	Space Telescopes(Hubble, Webb)
	Waves and Tides	At-Home Telescopes
	Wave Erosion	Observatories and Planetariums
	Energy from the Oceans	International Space Station

