White Oak Elementary 2024

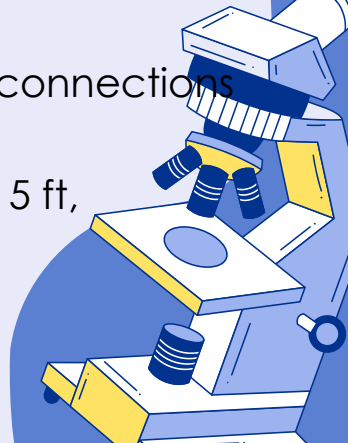
Science Fair

Key Details

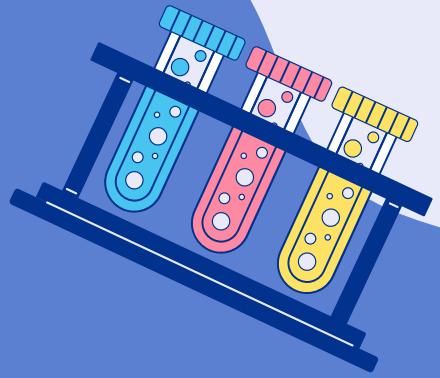
- Complete interest form by February 19.
- MUST FOLLOW GUIDELINES
- March 14th 5:30-7:00 is the fair

Guidelines

- We are **encouraging family participation**
- All projects must follow White Oak Elementary TREK expectations, and WCPSS student conduct guidelines
- No animals (can photograph)
- No chemicals or liquids in open containers – NO VOLCANOES EXPLODING
- No foul-smelling or allergy provoking substances such as molds in open containers
- No wiring hazards, such as frayed insulation, exposed wires or loose connections
- Fair will not provide access to electricity, gas or water
- Display board should not exceed width: 3.5 ft, depth: 2.5 ft,, height 5 ft,
- Make sure display board is sturdy
- Must remove project at the end of the expo by 7pm



Where do I begin?

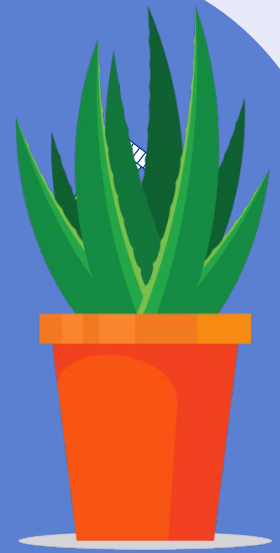


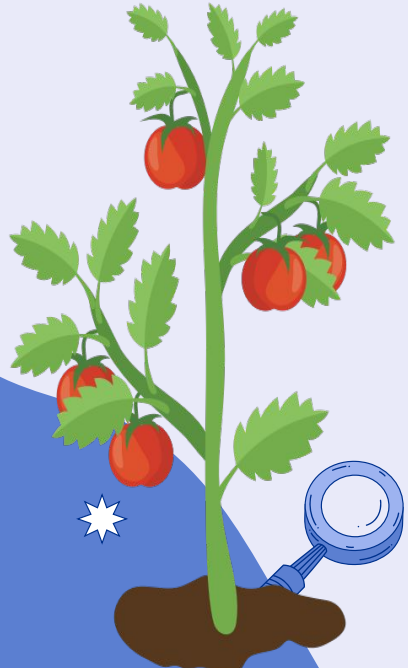
The first step in the process is picking your science category and posing a question. Your question should be clear, safe, quantifiable (it can be measured in some way), and related to one of the following topics:

- Biological Sciences
- Earth Sciences
- Environmental Sciences
- Physical Sciences
- Behavioral, Social, and Health Sciences

Biological Sciences

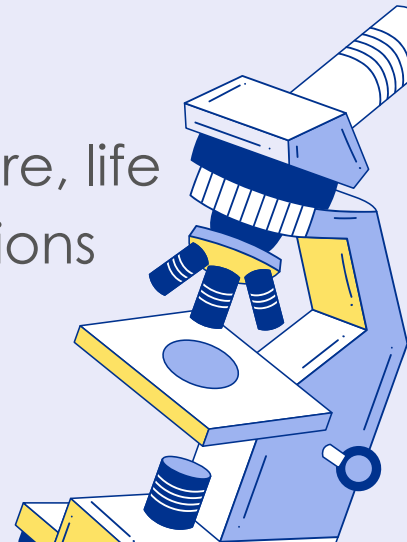
Projects that involve living things or once living things.





Examples:

- Plants
- Animals - structure, life cycles, adaptations
- Human biology
- Genetics

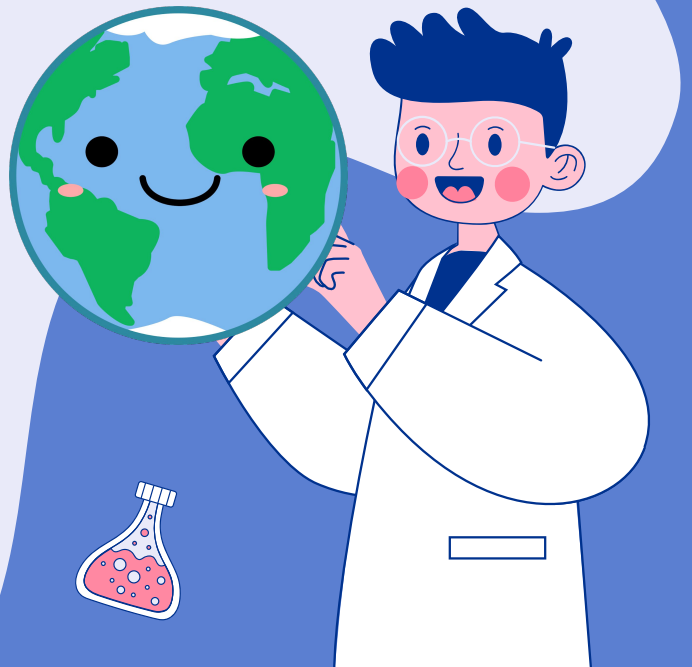


Earth Sciences

Projects that involve the Earth and physical phenomena.

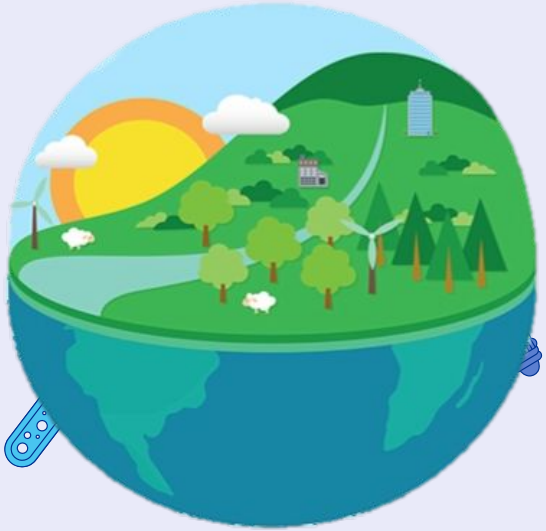
Examples:

- Weather/Atmosphere
- Rocks/Minerals
- Landforms
- Water
- Astronomy



Environmental Sciences

Projects that involve the environment and the relationship of living things together in their environment.



Examples:

- Organisms in their habitat
- Relationships between organisms
- How people affect the environment
- Pollution
- Recycling

Physical Sciences

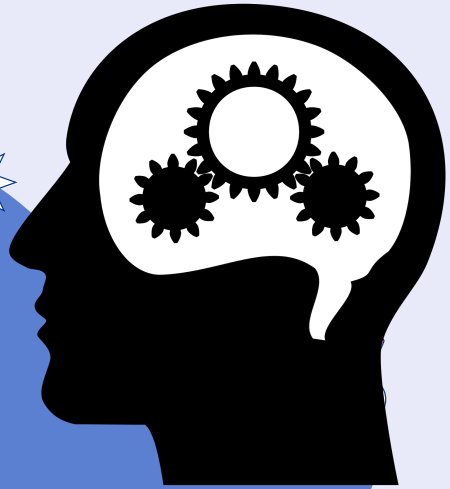
Projects that involve non-living things.

Examples:

- Math
- Computer/Technology
- Engineering
- Chemistry
- Food Science
- Rube Goldberg Machines
- Music
- Physics
- Sports

Behavioral, Social, & Animal Sciences

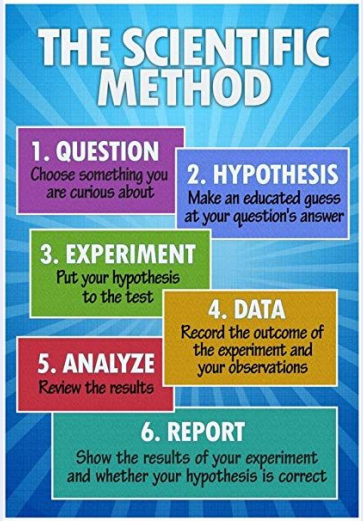
Projects that involve the ways people and/or animals behave, perception studies, opinions

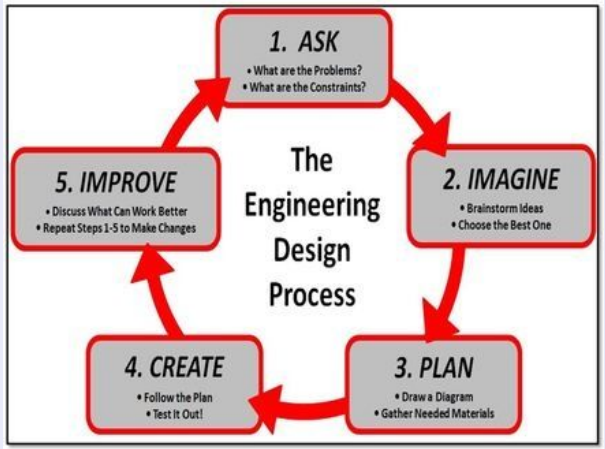


Examples:

- Health
- Psychology
- Product testing/Taste Testing
- Human Behavior
- Animal Behavior
- Sociology

Scientific Method vs. Engineering Design





CLICK HERE

Questions

If you have any questions, feel free to email the Science Fair Committee at soverton@wcpss.net

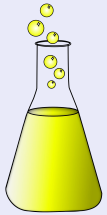
I will be checking the email often and getting back to any and all questions ASAP.

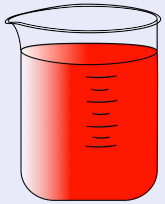
Good luck, get creative, and most importantly HAVE FUN!

Resources

Science Buddies

https://sciencebuddies.org



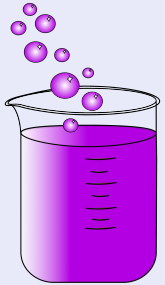


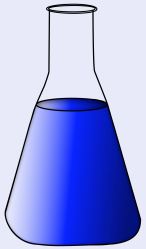
We Have Kids

https://wehavekids.com/education/How-to-do-a-Great-Science-Fair-Project-and-Board

Education.com

https://www.education.com/science-fair/





Science Fun

https://www.sciencefun.org/kidszone/experiments/