

Researchable Questions

- Facts
- Has one answer
- Has already been answered
- General or expert level knowledge
- The correct answer can be found in a library or online
- Could be a yes/no question

Examples:

1. How do plants grow?
2. Why are there craters on the moon?
3. What ingredients are in Pepsi?
4. What do mice like to eat?
5. What are the primary colors of light?
6. How is a soccer ball made?
7. Which animal runs the fastest?

Testable Questions

- Require an investigation and/or experiment
- Require data collection and analysis
- The answer is not based on a guess or opinion
- Include specific variables that can be measured
- One variable is changed to see how it affects another variable (look for a relationship between variables or trends in data)

Examples:

1. How does the species of plant affect how fast it grows?
2. How does the speed of a mouse change with different types of treats at the end of a maze?
3. How does the mass of a ball affect how fast it rolls down a hill?
4. How does walking speed affect how many calories are burned?