Vocabulary

THINKING LIKE A SCIENTIST

Science

- A special way of investigating and explaining what happens in the world
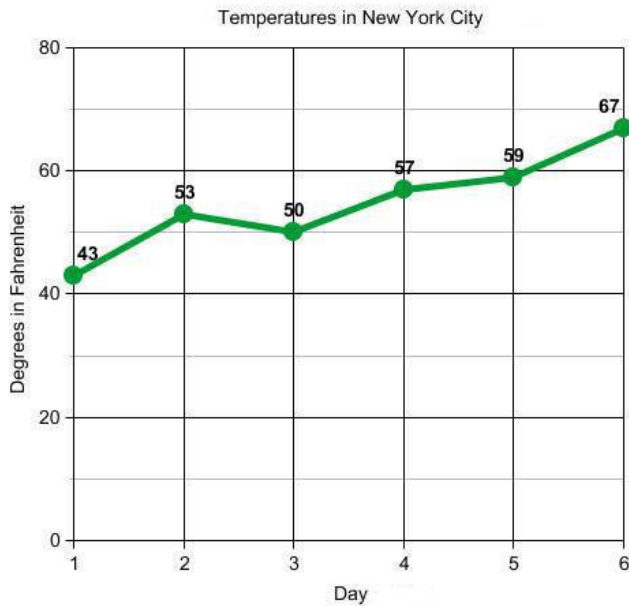
Observation

- watching someone or something carefully and describing what you see

Data Collection

- Precise measurements and information from observations that scientists collect

Temperatures in New York City

Field Investigation

- When a scientist goes out into the natural world to collect data

Controlled experiment

- Special tests that are conducted in a closed laboratory

Record Keeping

- When scientists record (write down) the results of their data collection.

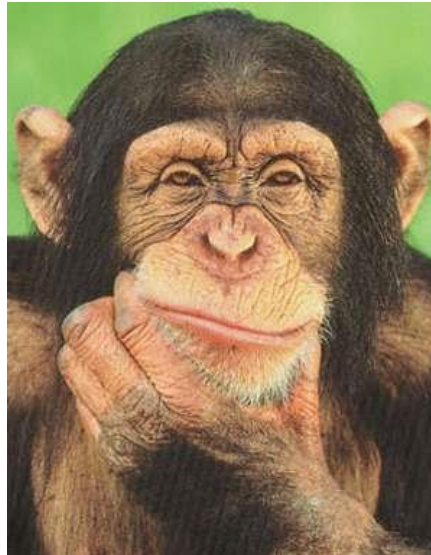- This provides evidence to support their conclusion

Fact

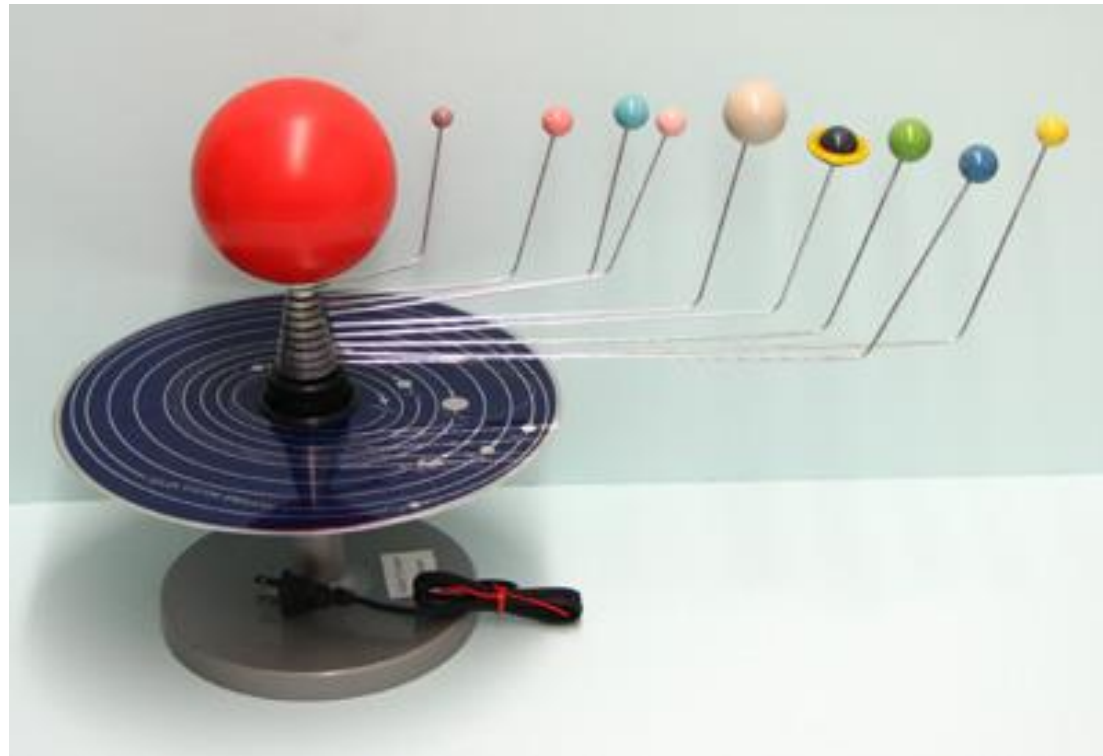- A statement that can be checked to see if it is correct or true

Opinion

- A statement of personal feeling or belief

Model

- Something made or built to represent something else

Theory

- A "big Idea" that attempts to explain how and why things happen