

Scientific Method

Objectives: SOL 5.1; VBO5.1.1

The student will be able to know and use the scientific terms and process skills associated with the scientific method.

Materials:

Temperature probe

Packets of ketchup

Cups

Water (hot, ice cold, and room temperature)

Paper Plate

Laptop Computers

Markers

Ruler

Procedures:

1. Introduce the Scientific Method via Voice Thread technology and utilize throughout the lesson, pausing at each step.
2. Introduce the experiment "The Great Tomato Race."
3. Teacher will assist the class as they perform the experiment referencing back to the voice thread for each step in the scientific method.
4. As each step is discussed and implemented students will comment via Voice Thread so the teacher can hear responses and use as immediate teaching moment.
5. At the conclusion of the experiment, students will graph the data collected with their temperature probes (both temperature and distance).

Assessments:

Comments on Voice Thread

Graphs from Temperature Probes