

LESSON ORGANIZER

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Date:

Scientific Method

UNIT OR BACKGROUND
Basic Science

Weather

Classification of living things

Matter and Energy

(Lessons)

LESSON MAP

LESSON TOPIC
Scientific Method

3. Design and perform an experiment to test the hypothesis

1. Make observations

Is About

looking at the world around you, coming up with an explanation for what you observe, testing your explanation to see if it could be valid, and then either accepting your explanation or rejecting it

4. Analyze your data to determine whether to accept or reject the hypothesis

2. Propose a hypothesis

5. If necessary, propose and test a new hypothesis

DISCUSSION: Relationship - 1) Lesson to Unit AND 2) Importance of Lesson to Daily Life

- Using the Scientific Method is part of basic science
- Use these steps to test what you don't know about in life to see if it's valid

Self-Test Questions (Evaluation):

- Did I make observations?
- Did I propose a hypothesis?
- Did I design and perform an experiment to test the hypothesis?
- Did I analyze your data to determine whether to accept or reject the hypothesis?
- Did I propose and test a new hypothesis if necessary?

Tasks/Strategies:

- Students will be given scenarios and use the information to develop an experiment using scientific method.
- Set up stations around the room to learn and discover each of the 5 steps