



Creation Lens

Exploring the World, Discovering God

Grade Level: Grade 1

Title:

Be A Scientist - Prediction

Denomination: Catholic - Christian

Lesson ID: BAS-G1-01-CACH

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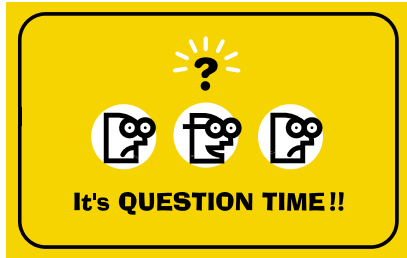
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Note: Web sites referenced in this lesson were valid at time of publication.

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BE A SCIENTIST – FIRST GRADE

SCIENCE SKILL: Prediction

GOAL OF LESSON: The student will know that scientists use prediction to test their theory.

OUTCOME EXPECTED: The student will be able to correctly use the scientific skill of prediction.

MATERIALS NEEDED: Teacher should feel free to make the Science Journal however it will work best with the class. It can be as below or a regular spiral notebook.

- Card stock or light cardboard for cover and back of Science Journal
- Crayons or markers
- Science Journal Page: PREDICTION
- Pencil
- Magnets in a box
- Paper clips, keys, aluminum can, metal fork and a piece of jewelry on a tray
- Laminating machine

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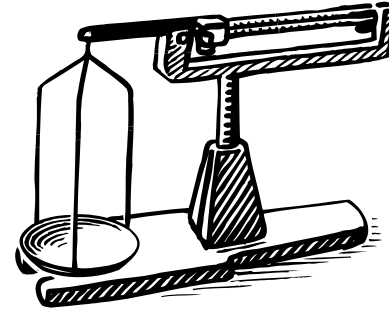
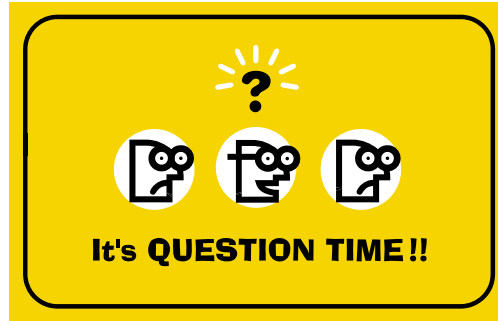
- Rings or yarn

METHODOLOGY

- **SAY:** We are going to begin this year by making our Science Journals. We will keep all our science papers in it.
- **BE SURE** to give clear directions for what is to be on the front cover (Name and Grade, the words “Science Journal”).
- **ALLOW** time for the cover and back page to be completed.
- **COLLECT** the covers and backs and send them to the office or take them to be laminated.
- **WHEN LAMINATED**, have the student fasten them with yarn or rings.
- **SAY:** We want to learn how to be scientists. Last year, you probably did some observing....you watched things to see what would happen. This year we want you to learn another science skill: PREDICTION.
- **WHAT** do we mean when we say “The weatherman will predict the rain.”? Get the class to the definition of predict which includes the ideas of using what evidence you have to say what is likely to happen.
- **SAY:** A scientist has an idea that if the contents of Jar A is mixed to the contents of Jar B, the contents of Jar A will disappear. So he makes that prediction.
- **SAY:** We are doing to do some prediction now. I have some magnets in this box. On the tray, I have different things. I am going to give you the Science Journal Page: PREDICTION and I want you to draw each item on the tray.
- **DISTRIBUTE** the Science Journal Pages. Be sure everyone has a pencil.
- **SHOW and NAME** each item on the tray. After each item, ask will it stick to the magnet? Have the student draw the item and put a Y for yes it will stick or an N for no it won't stick to the magnet.
- **SAY:** You have a prediction about which items will stick to the magnet. Next the scientist would test his prediction.

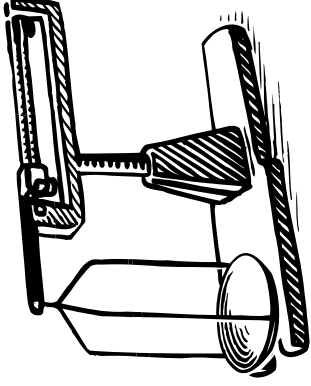
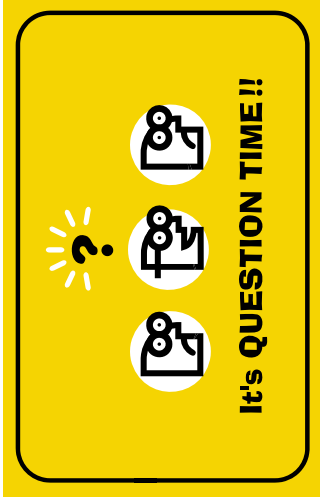
- **HAVE** student volunteers come up and test an item. Have the class mark their prediction as correct or incorrect.
- **SAY:** Scientists learn as much from the predictions that are wrong as they do from the ones that are correct.
- **POSIT:** Some items will stick to a magnet and some will not. Some predictions are correct and some are not.
- **AFTER LESSON ACTIVITY:** Students could investigate the room with magnets to predict and test which objects in the room would be attracted to the magnet and which would not. They could do this in groups or as individuals.

KEY WORDS
BE A SCIENTIST –GRADE ONE



SCIENTIST
PREDICTION
OBSERVATION
QUESTION
THEORY
SCIENCE JOURNAL
MAGNETS

KEY WORDS
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