



Creation Lens

Exploring the World, Discovering God

Grade Level: **Kindergarten**

Title:

Be A Scientist - Observation

Denomination: **Catholic - Christian**

Lesson ID: **BAS-GK-01-CACH**

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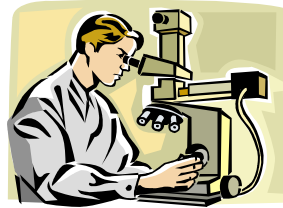
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Note: Web sites referenced in this lesson were valid at time of publication.

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BE A SCIENTIST – KINDERGARTEN

SCIENCE SKILL: Observation

GOAL OF LESSON: The student will know that scientists use observation as part of the scientific method.

OUTCOME EXPECTED: The student will be able to use the science skill of observation for increasingly longer periods of time.

MATERIALS NEEDED:

- Science Journal Cover and Back pages – card stock or light cardboard.
- Crayons or markers
- Science Journal Page: OBSERVING MY SECTION
- Pencil
- Stale bread broken into small pieces
- Empty area which can be observed from indoors
- Laminating machine to laminate cover and back pages
- Yarn or rings

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- Hole punch
- Areas of the yard marked off with colored pieces of yarn on the ground: red, green, yellow, blue sections.
- An assistant who will scatter the bread pieces evenly in all the sections.

METHODOLOGY

- **SAY:** We do many things that scientists do every day. You don't have to be in a science laboratory doing experiments to do some of the things that scientists do. Scientists follow chemical formulas and your mother follows a recipe when she cooks. During this year we are going to learn some science skills and some science facts. We are going to have a special book for these lessons. It is called our Science Journal.
- **GIVE** each student the front and back cover. Be sure to tell them what you want included (Name and Grade, the words "Science Journal") and give them specific directions for coloring the front and back covers.
- **ALLOW** time to finish the covers and collect them.
- **SEND** them to the office or take them to be laminated.
- **PUNCH** holes in the sides and attach fastening yarn or rings.
- **EXPLAIN** that one skill scientists use is "OBSERVATION".
- **WRITE** "Observation" on the board.
- **ASK:** What do I do when I am observing? (Watching carefully and quietly)
- **SAY:** When a scientist observes, the scientist uses his senses, especially seeing and hearing, to help him be a good observer.
- **SAY:** Let's see how good an observer you can be. You have to be quiet and not move around. Look at the yard. What do you see?

(Red, yellow, blue, green sections.) Right! I am going to tell you what area you will be watching. Pay attention to that color only. I will tell you when to start. When I say “GO”, you will watch the section for 5 minutes. It might seem very long to you, but keep watching.

- **ASSIGN** each student to a color section.
- **GIVE** each student a copy of the Science Journal Page: BE A SCIENTIST – OBSERVE.
- **HAVE** them make a small square of their color on the top of the page.
- **HAVE** the assistant scatter the bread pieces evenly in all the sections and then leave the area.
- **TELL** the students to watch their area and make a mark any time something happens in their section. Time them for 5 minutes.
- **DISCUSS** with the students what happened in their section.
- **HAVE** them draw a picture of the things they observed in their section. Draw the picture on the Science Journal Page. Make it the first page in the Science Journal.
- **POSIT:** Help the students conclude that scientists learn things when they are good observers.

KEY WORDS
BE A SCIENTIST - KINDERGARTEN



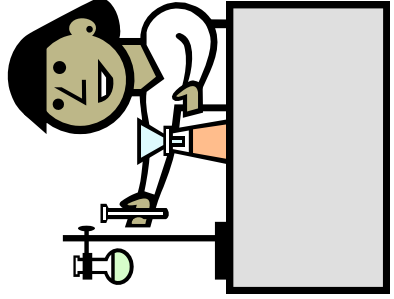
OBSERVATION

SCIENTIST

SCIENCE JOURNAL

FORMULA

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