



Creation Lens

Exploring the World, Discovering God

Grade Level: Grade 3

Title:

Plant Sprouting Conditions & Faith and Relationship with God

Denomination: Catholic

Lesson ID: LS-G3-05-CA

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

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LIFE SCIENCE –GRADE THREE– CATHOLIC

LESSON 5: Favorable conditions for plant sprouting and growth and Faith bring relationship with God.

GENERAL CONCEPT: Plant sprouting and growth conditions and Faith brings a relationship with God .

SCIENCE LESSON CONCEPT

What conditions are favorable for the sprouting and growth of plants?

GOAL OF SCIENCE LESSON

Student will discover that seeds need certain conditions to sprout.

OUTCOME EXPECTED

Student will watch plants sprout and learn which conditions favor growth.

MATERIALS NEEDED

- Some mixes varieties of seeds

RELIGION LESSON CONCEPT

Faith brings a relationship with God that grows and develops.

GOAL OF RELIGION LESSON

1. Student will learn that Jesus used the example of the mustard seed to teach us about our Faith.
2. Student will learn what conditions we need to have our faith sprout and grow..

OUTCOME EXPECTED

Student will understand the need for faith to grow.

MATERIALS NEEDED

- Copy of the Mustard Seed Parable (Lk.17:5-6)

- Paper Towels
- Foam Pieces
- Soil
- Water
- Science Journal Page: SPROUTING
- Pen or Pencil

SCIENCE METHODOLOGY

- **DISCUSS** how some plants grow from seeds.
- **SORT** a group of seeds (for example: beans, sunflower, and grass)
- **EXPLAIN** that you are going to try to have the seeds sprout on 3 different bases: paper towel, foam pieces, and soil.
- **HAVE** the student use the Science Journal Page: SPROUTING to predict which seeds will sprout well on each base.
- **OBSERVE** the seeds on the bases for one week.
- **RECORD** observations on Science Journal Page.

- Clay or plastic pots
- Seeds (beans or grass seeds work very well.)
- Soil
- Water
- Drawing paper
- Crayons/markers
- Craft stick with the name of student on and the word "FAITH"

RELIGION METHODOLOGY

- **READ** the Parable of the Mustard Seed (Luke 17:5-6)
- **DISCUSS** that Jesus is teaching that what begins very small can have great results for good or evil.
- **GIVE** each student a planting pot, some soil and a seed.
- **HAVE** the student put her/his name on the pot.
- **WATER** the soil.
- **PLACE** in a sunny window.

- **EVALUATE** the predictions.
- **ASK:** What affected the results?
- **POSIT:** The better the growing conditions the better the plant will sprout and grow.

- **TAKE HOME** the sprouted and growing plant.
- **POSIT:** Faith starts with a small seed and can grow

RESOURCES, LINKS, AND COMPUTER LESSONS

Science Links

(Student) Activities for living things: plants

http://search.bbc.co.uk/cgi-bin/search/results.pl?q=plant+activities&Search=Search&uri=%2Fschoools%2Fwebsites%2F4_11%2Fsite%2Fscience.shtm

(Teacher) Worksheets, fact sheets, and test

<http://search.bbc.co.uk/cgi-bin/search/results.pl?q=plant+worksheets&x=39&y=22&recipe=schoools&scope=schoools&tab=schoools>

(Student) Just for kids- growing information, projects, and what other kids are doing.

http://www.growingedge.com/kids/growing_info.html

(Teacher) Indoor Gardening Investigations for the classroom; classroom stories and advice; activities.

<http://kidsgardening.com>

Religious Links

(Teacher) Songs, mini books, poems, crafts, puzzles, coloring pages and much more.

<http://www.dltk-bible.com/poems.htm>

(Teacher) Faith the size of a Mustard Seed; activities, songs, worksheets, music and more.

<http://ebibleteacher.com/children/lessons/mustard.htm>

Computer Lessons

(Student) Game on how things grow

http://funschool.kaboose.com/formula-fusion/games/game_fun_science.html?g+sql_ds2

(Student) Game to keep flowers alive

<http://www.growingforlife.org/>

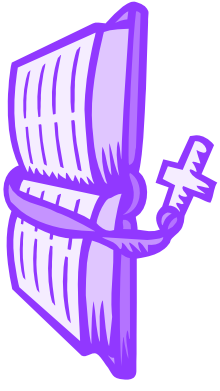
KEY WORDS
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SPROUTING
GROWTH
SEEDS
CONDITIONS
EXPERIMENT

FAITH
RELATIONSHIP
MUSTARD SEED
PARABLE

KEY WORDS
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SPROUTING

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