



Grade Level: **Kindergarten**

Title:

Components of Soil & Spiritual Soil

Denomination: **Christian**

Lesson ID: **ES-GK-03-CH**

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

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EARTH SCIENCE MODULE – KINDERGARTEN – CHRISTIAN LESSON 3 – What's in the soil? and The Parable of the Sower

GENERAL CONCEPT: What's in physical soil and spiritual soil can affect growth.

SCIENCE LESSON CONCEPT

The soil is made up of sand, silt, clay, humus, organic material from rotting vegetation, roots, and animals.

GOAL OF SCIENCE LESSON

1. Student will know what is in soil.
2. Student will be able to identify objects in the soil.

OUTCOME EXPECTED

Student will know why good soil helps plants to grow.

MATERIALS NEEDED

- Clear plastic tub of soil with grass on top or several tubs if the class is large.

RELIGION LESSON CONCEPT

The Sower of the seed plants the seed of faith in our spiritual soil, but in order to grow the soil must be rich.

GOAL OF RELIGION LESSON

1. Student will know the Parable of the Sower.
2. Student will be able to explain how to enrich her/his spiritual soil.

OUTCOME EXPECTED

Student will begin to practice enriching the life of her/his soul.

MATERIALS NEEDED

- Parable of the Sower in child's language. Mt. 13:18-23

- Be sure soil sample has rocks, roots, and worms in it
- Gardening tools
- Plastic gloves for students
- Science Journal Page: What's In the Soil?
- Pencils
- Crayons or markers
- Plastic cloths on which to put the soil
- Large planter box, and some seeds

SCIENCE METHODOLOGY

- **ASK:** What can you see on the top of the tub?
(grass, plants)
- **ASK:** What might be under the grass and plants?
Write the students answers on the board.
- **SAY:** Scientists have to explore a bit to get the correct answer. Let's see if our answers are correct. We are

- Vocabulary cards with the following words: rocky ground, thorny ground, rich soil, no roots, choked out, bears fruit, seeds.
- Pictures of rocky ground, thorny ground, and rich soil
- Coffee cup with lid for each student
- Soil to fill sup _ full
- Rye grass seed or dried beans (3 or 4) for each student
- Picture of the Sower to color
- Glue, scissors
- Markers or crayons

RELIGION METHODOLOGY

- **GATHER** the students in a prayer circle and tell them that you are going to tell them one of the stories or parables that Jesus told his Apostles.
- **READ** the child's version of the Parable of the Sower that is found in Matthew 13:18-23
- **HAVE** the children tell the story back to you with the help of the vocabulary cards. Place the seeds card on the top. Under it, place the three kinds of ground

- going to use the gardening tools and our hands to investigate the soil under the grass and plants.
- **GIVE** each student a pair of plastic gloves and some of them gardening tools.
- Have those with gardening tools break up the soil.
- **REMOVE** some of the soil to the plastic cloth.
- **HAVE** other students break it apart searching for items in the soil.
- **WRITE** the names of what they find on the board.
- **AFTER** the soil has been investigated thoroughly, have the students put the soil back in the tub, throw away their plastic gloves, and wash their hands.
- **GATHER** the items they have found and place the vocabulary cards near each type of item.
- **DISCUSS** what they found and how that makes the soil rich for growing plants.
- **GIVE** each student the Science Journal Page: What's In the Soil and have them draw the tub with the soil and the items in the soil.
- **PLACE** the soil from the experiment in the large planter and plant the seeds. Place it in a sunny location and water it. Have the students watch for growth.

cards as the students tell you the story.

- **PLACE** the other cards under what happened to the seeds in each type of soil.
- **ASK:** What was Jesus telling the Apostles and us about the seed of FAITH? (it must be in good soil in order to grow or it will die.)
- **ASK:** How can we make our soul a good place to grow our faith? (Prayer, Pay attention at church and Sunday School, Obey Parents, Be kind, Be polite, etc.)
- **TELL** the student that they are going to plant some seeds and see if they can grow them (either at home or in school).
- **GIVE** each student the Sower of the Seed coloring page and have them color it.
- **GIVE** each student a coffee cup and have them put their name on the bottom and have them glue the Sower picture to the coffee cup.
- **HAVE** each student come for some soil for the planter.
- **HAVE** each student choose some seeds (3-4).
- **TELL** the student to poke the seeds under the soil about 1 knuckle deep and cover the seeds.
- **GIVE** each student a lid for the coffee cup and store it in the classroom until dismissal if they are going to grow the plants at home. Otherwise, do NOT do the

POSIT: Soil has many ingredients and those ingredients help plants to grow.

give the lids. Place the coffee cups in a sunny location and keep the soil moist until sprouts are visible. Then water as soil dries out.

- **HAVE** the students monitor the progress of their cups.

POSIT: We need to enrich our souls with prayer and good deeds so the seeds of faith will grow and bear fruit.

RESOURCES, LINKS, AND COMPUTER LESSONS

SCIENCE RESOURCES

(Teacher) [Composting With Worms](#)

A classroom composting experiment demonstrates why worms are called... Click on Composting With Worms to go to web site.

<http://www.nea.org/lessons/tt070409.html>

(Teacher) [Thanksgiving Science Experiment](#)

This plant-growing experiment for grades preK-5 shows how Squanto helped the early settlers.

<http://www.nea.org/lessons/tt061120.html>

(Teacher) [For the Beans](#)

Celebrate Hispanic Heritage Month with a science and social studies activity.

<http://www.nea.org/lessons/2005/tt050919.html>

RELIGIOUS RESOURCES

(Teacher) [Children's Sunday School Curriculum - Parable of the Sower \(Lesson 1\)](#)

The **parable of the sower** will introduce **children** to how people react when they hear the Gospel.

www.kidssundayschool.com/Gradeschool/Lessons/1sower01.php

(Student) [Children's Bible Stories. Parable of the Sower.](#)

Animated **children's** bible story. **Parable of the Sower.**

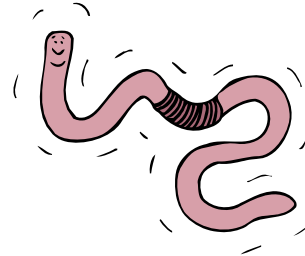
wordofloveforyou.com/so1.htm - 3k -

(Teacher) [Parables of Jesus - Commentaries, Meditations, Clipart, Puzzles ...](#)

"**Parable of the Sower**", **children's** study, puzzles , coloring sheet - Higher Praise Christian Center. The **parable** of the seed, The Carmelite Web Site ...
www.silk.net/RelEd/parables.htm -

Coloring page for cup; puzzle and adult information.

KEY WORDS
EARTH SCIENCE – LESSON 3 – KINDERGARTEN - CH



SOIL

SAND

CLAY

HUMUS

ROTTING VEGETATION

PLANT

PARABLE

SOWER

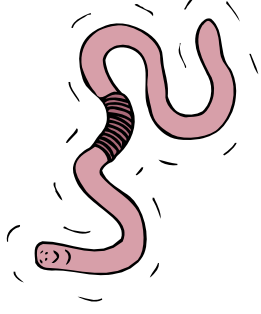
FAITH

SPIRITUAL

GROW

APOSTLE

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