



Grade Level: Grade 2

Title:

How A Seed Grows & Jesus Brings New Life To Believers

Denomination: Catholic

Lesson ID: LS-G2-02-CA

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

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LIFE SCIENCE MODULES – GRADE TWO - CATHOLIC LESSON -2: How a Seed Grows & Jesus Brings New Life

GENERAL CONCEPT: How a seed grows

SCIENCE LESSON CONCEPT

Identifying the parts of a seed and how it grows.

GOAL OF SCIENCE LESSON

Student will be able to identify the parts of a seed before and during germination.

OUTCOME EXPECTED

1. Student will be able to describe how his experiment progressed.
2. Student will be able to label seed parts.

MATERIALS NEEDED

- Chart paper

RELIGION LESSON CONCEPT

The Resurrection of Jesus brings new life to believers.

GOAL OF RELIGION LESSON

Student will know that each person must be like Jesus in His death and in his coming to new life.

OUTCOME EXPECTED

1. Student will identify one area where he/she can be less selfish and more charitable.
2. Student will realize that good choices lead us to new life in Jesus Christ.

MATERIALS NEEDED

- The Bible account of Jesus' Resurrection

- Pictures of seeds, seed parts, germinating seeds and their parts
- Science Journal Page: SEEDS
- Soil
- Water
- Paper towels
- Clear jar
- Seeds (Dried bean seeds or rye grass seeds work really well.

SCIENCE METHODOLOGY

USE OF THE SCIENCE JOURNAL IS A CRITICAL SKILL AND SHOULD NOT BE OMITTED.

- **USE** the pictures of the parts of a seed and list the parts.
- **USE** the pictures of germinating seeds and list the parts.
- **EXPERIMENT:** Try to germinate seeds
- **HAVE** the student predict what will happen if they place the seeds in a wet paper towel for one day, two days, three, days, four days, a week, etc.
- **HAVE** the student record prediction on Science Journal Page. **Critical Skill Component**

- Chart paper
- Marker
- Scripture of Jesus saying :Unless a grain of wheat falls...

RELIGION METHODOLOGY

- **TELL OR READ** the story of Jesus' Resurrection. **It is a critical experience to actually read the Scripture to the students. See last pages for Resurrection account.**
- **ASK:** Why did Jesus die?
- **ASK:** Why did He rise to new life?
- **READ** the Scripture about grain falls to the ground. See last pages for text.
- **ASK:** What parts of us must fall away so that new life can grow in us? What bad choices do we make? What good choices do we make? How can we get rid of the bad choices? How can we make more good choices? What choices does Jesus want us to make?

- **ASK:** What happens when a seed falls to the ground and germinates? (It falls apart to become new life.)
- **PLACE** the seeds in wet paper towels for one day.
- **THEN CHECK** for germination.
- **REPEAT** each day until germination. **Student should record daily observations on Science Journal Page.**
- **DURING** germination time, read from your science textbook the pages on seeds.
- **COPY** pages on seed parts and germination and have students fill them in. (See links.)
- **WHEN** germination occurs, plant the seed in a clear jar near the outer edge so that the student can observe the rooting.
- **HAVE** the student record the planting and rooting on Science Journal Page.
- **IF EACH** student grows a plant, each student may take it home.

OPTION

Plant the seedlings in a decorated clean yogurt cup. Learn the song Take the Word of God With You as you go...etc. Can connect with First Penance or First

- **THINK QUIETLY** for a minute about one good choice you could do more often this week. Is there something the class could work on together? Write the class resolution on the board as a reminder.
- **REVISIT** the class good choice selection often in the week.
- **LEARN/SING** the song, "Like A Sunflower"
- **POSIT** – We begin to grow in our new life in Jesus when we make good choices.

Communion as we are always SENT out from a sacrament to share Jesus with others

- **POSIT- Have the student supply the answers to reinforce the lesson.** The parts of a seed are (have student supply answer). What happens when a seed germinates? Is planted? Roots? Begins to grow?

RESOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Teacher) For Master Copy of seed that you can copy and paste and print. NOTE: You need to subscribe for get some things, but there are many things you can copy and paste.
<http://www.enchantedlearning.com/subjects/plants/label/dicotseed/>

(Teacher) For Master Copy of a Germinating Seed that you can copy and print.
<http://www.enchantedlearning.com/subjects/plants/label/sproutingbean/>

Religious Links

(Teacher) How to make a sunflower project to use with the song, Like A Sunflower
<http://www.enchantedlearning.com/crafts/flowers/sunflowerplate/index.shtml>

(Student) Animated Story of the Sower who went out to sow seeds.
<http://wordofloveforyou.com/so1.htm>

(Teacher and Parent) Virtues by age and maturity level
http://www.teen-id.org/Character_Education/David_Isaacs_Key_Human_Virtues.htm

(Teacher) Background information on the Gospel of John from the USCCB
<http://usccb.org/nab/bible/john/intro.htm>

(Teacher) John 20:1-28 From USCCB

John

Chapter 20

1

¹ ² ³ On the first day of the week, Mary of Magdala came to the tomb early in the morning, while it was still dark, and saw the stone removed from the tomb.

2

So she ran ⁴ and went to Simon Peter and to the other disciple whom Jesus loved, and told them, "They have taken the Lord from the tomb, and we don't know where they put him."

3

⁵ So Peter and the other disciple went out and came to the tomb.

4

They both ran, but the other disciple ran faster than Peter and arrived at the tomb first;

5

he bent down and saw the burial cloths there, but did not go in.

6

When Simon Peter arrived after him, he went into the tomb and saw the burial cloths ⁶ there,

7

and the cloth that had covered his head, not with the burial cloths but rolled up in a separate place.

8

Then the other disciple also went in, the one who had arrived at the tomb first, and he saw and believed.

9

⁷ For they did not yet understand the scripture that he had to rise from the dead.

10

Then the disciples returned home.

11

⁸ But Mary stayed outside the tomb weeping. And as she wept, she bent over into the tomb

12

and saw two angels in white sitting there, one at the head and one at the feet where the body of Jesus had been.

13

And they said to her, "Woman, why are you weeping?" She said to them, "They have taken my Lord, and I don't know where they laid him."

14

When she had said this, she turned around and saw Jesus there, but did not know it was Jesus.

15

Jesus said to her, "Woman, why are you weeping? Whom are you looking for?" She thought it was the gardener and said to him, "Sir, if you carried him away, tell me where you laid him, and I will take him."

16

Jesus said to her, "Mary!" She turned and said to him in Hebrew, "Rabbouni," ⁹ which means Teacher.

17

Jesus said to her, "Stop holding on to me, ¹⁰ for I have not yet ascended to the Father. But go to my brothers and tell them, 'I am going to my Father and your Father, to my God and your God.'"

18

Mary of Magdala went and announced to the disciples, "I have seen the Lord," and what he told her.

(Teacher) John 12: 20-27

20

¹¹ Now there were some Greeks ¹² among those who had come up to worship at the feast.

21

¹³ They came to Philip, who was from Bethsaida in Galilee, and asked him, "Sir, we would like to see Jesus."

22

Philip went and told Andrew; then Andrew and Philip went and told Jesus.

23

¹⁴ Jesus answered them, "The hour has come for the Son of Man to be glorified.

24

¹⁵ Amen, amen, I say to you, unless a grain of wheat falls to the ground and dies, it remains just a grain of wheat; but if it dies, it produces much fruit.

25

Whoever loves his life ¹⁶ loses it, and whoever hates his life in this world will preserve it for eternal life.

26

Whoever serves me must follow me, and where I am, there also will my servant be. The Father will honor whoever serves me.

27

KEY WORDS
LIFE SCIENCE – GRADE TWO – LESSON 2 - CA



SEED

GERMINATE

ROOTING

SPROUT

STEM



RESURRECTION

NEW LIFE

CHOICE

GOOD CHOICE

BAD CHOICE

KEY WORDS
LIFE SCIENCE – GRADE TWO – LESSON 2 - CA



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