



Creation Lens

Exploring the World, Discovering God

Grade Level: Grade 4

Title:

Fossils & Being Jesus to Others

Denomination: Catholic

Lesson ID: ES-G4-07-CA

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

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EARTH SCIENCE MODULE – GRADE FOUR - CATHOLIC LESSON 7: FOSSILS AND OUR HUMAN IMPRINT

GENERAL CONCEPT: What is a fossil and we are called to leave our imprint on the lives of others.

SCIENCE LESSON CONCEPT

A fossil is the remains or imprint of an organism that lived many years ago.

GOAL OF SCIENCE LESSON

Student will know what a fossil it and how it was formed.

OUTCOME EXPECTED

Student will show respect for ancient signs of life.

MATERIALS NEEDED

- Real fossils or models of fossils (See Natural Resources Department of your state.)
- Pictures of a variety of fossil pictures

RELIGION LESSON CONCEPT

Just like fossils leave an imprint on the earth, Jesus wants us to leave an imprint on the lives of others as signs of our discipleship.

GOAL OF RELIGION LESSON

Student will be able to describe why we are called to leave an imprint on others.

OUTCOME EXPECTED

Student will exhibit positive behaviors.

MATERIALS NEEDED

- Story book about Mother Teresa of Calcutta
- Paper to make a booklet: Mother Teresa and I Follow Jesus

PICK ONE OF THESE CHOICES:

- CHOICE # 1

Paint
Construction paper
One leaf for each student
Paint brush or plastic gloves for each student

- CHOICE # 2

Clay slab for each student
Shell and a leaf for each student
Sharpened pencil to inscribe name on clay

- Science Journal Page: FOSSILS

- Pen/pencil

- Piece of a crayon

SCIENCE METHODOLOGY

- **SHOW** and pass around the fossils: real ones or models.
- **SHOW** and pass around the pictures of fossils.
- **ASK:** What are you examining? (fossils) What are they?
- **HAVE** the student place the Science Journal Page over one of the fossils and make a rubbing with the crayon piece.

- Pen/pencil
- Markers/crayons
- Hole punch
- Yarn to tie booklet

RELIGION METHODOLOGY

- **ASK:** How have people influenced you in positive ways?
- **READ** the story book of the Life of Mother Teresa of Calcutta. Discuss how she treated people.
- **ASK:** What lasting imprint did she leave on the people she helped? Discuss why she was a remarkable person.
- **SAY:** Role-models are supposed to influence you in positive ways. Mother Teresa is one role-model.

- **ASK:** What good are fossils anyway? (They are clues to how life was on earth a long time ago.)
- **SAY:** We can make some imprints like fossils – not real fossils – right here in our classroom. (Select Choice # 1 or Choice # 2 for the project.) Explain the Project to the student. Allow time for the activity.
- **AT THE END** of the activity, have the student write on the Science Journal Page their conclusions about what fossils are and why they are helpful.
- **DISPLAY** the newly created fossils.
- **POSIT:** Fossils can give us clues to life on the earth a long time ago.

- **SAY:** You are going to make a booklet. In this booklet you are going to show how something about Mother Teresa could influence you to do appositve action. You will make your booklet according to the following directions. Write what goes on each page on the board for the student. You can individualize the project for differing abilities.
- **ALLOW** time to finish the booklet.
- **HAVE** the student punch holes and loosely tie yarn to make the booklet. Have the student share one instance with the class.
- **POSIT:** Role models give us a good example of how we can make a positive imprint on others by the positive things we do.

SOME suggestions for the contents:

Cover: picture of Mother Teresa, Jesus, and student
 Page one: A paragraph about Mother Teresa's life
 Page two: Student picture of copying Mother Teresa
 Page three: A Prayer that Mother Teresa might pray
 Page Four: a Seek and Find puzzle
 Page five: A list of ways to follow Jesus like Mother Teresa
 Page Six: A Prayer to Mother Teresa

RESOURCES, LINKS AND COMPUTER LESSONS

Science Links

(Teacher) Information from Science publisher

<http://www.hspscience.com>

(Teacher and Student) Cool links to sites about fossils and museums. Click on "cool Links Page"

<http://www.fossilsforkids.com>

(Teacher) Six free pictures of fossils to print and copy; Click on "science" and then "fossils"

<http://classroomscipart.com>

(Teacher) Free fossil drawings and pictures; can enlarge and copy and print; Click on Search this site; type in Fossil drawings and pictures; Many different lesson plans and activities listed.

<http://www.lucylearns.com>

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Religious Links

(Teacher) Sayings of Mother Teresa; Copy and print for each student

http://www.allgreatquotes.com/mother_teresa_quotes.shtml

(Teacher) Official Vatican Biography of Mother Teresa at her Beatification in Rome

http://www.vatican.va/news_services/liturgy/saints/ns_lit_doc_20031019_madre-teresa_en.html

KEY WORDS
EARTH SCIENCE – GRADE FOUR - LESSON 7– CA



FOSSIL
ANCIENT
ORGANISM



IMPRINT
POSITIVE
BEHAVIOR
INFLUENCE
MOTHER TERESA
REMARKABLE
ROLE MODEL

KEY WORDS
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