



Grade Level: Grade 2

Title:

Recycling & Good Stewards of the Earth

Denomination: Catholic

Lesson ID: LS-G2-09-CA

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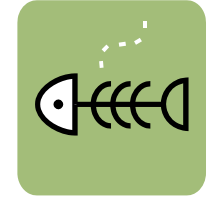
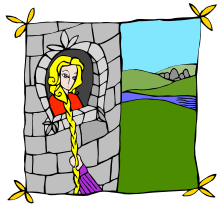
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Note: Web sites referenced in this lesson were valid at time of publication.

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LIFE SCIENCE MODULE – GRADE TWO - CATHOLIC LESSON 9 Recycling as Good Stewards of the Earth

GENERAL CONCEPT: Recycling and good stewards of the earth's resources.

SCIENCE LESSON CONCEPT

Define the term recycle.

GOAL OF SCIENCE LESSON

Student will to predict and the discover the decomposition rate.

OUTCOME EXPECTED

Student will have a hands-on opportunity for discover and will want to continue discovery learning.

MATERIALS NEEDED

- A food item
- A bone
- A Rubber ball
- A Plastic Cup

RELIGION LESSON CONCEPT

We are good stewards of the earth's resources.

GOAL OF RELIGION LESSON

Student will learn what it means to be a good steward.

OUTCOME EXPECTED

Student will help to begin a new cycle for some item.

MATERIALS NEEDED

- Strips of cloth from old items
- Parents to stitch the coils together
- Large carpet needles and heavy carpet thread

- An iron bar
- A wooden bar
- Science Journal Page: RECYCLING AND DECOMPOSITION
- Pencil
- A Pre-dug hole
- Shovel

SCIENCE METHODOLOGY

- **EXPLAIN** that nature always tries to re-use anything that plants and animals or people throw away. For example, if a plant dies and falls to the ground, it is covered up and begins to decompose. It breaks into smaller and smaller parts and is reused by the earth. For example, a farmer plows old crops into the ground make richer soil for the next crop.
- **SHOW** the students the items you have collected.
- **TALK ABOUT** how hard or soft the items are.
- **ASK** the students to predict which item will decompose the fastest by writing them in 1, 2, 3, order from fastest to slowest.
- **BURY** the items in a pre-dug hole and cover them.
- **MARK** the site.

RELIGION METHODOLOGY

- **EXPLAIN** that when God created the world, He placed the earth and everything in and on it in the care of people. We need to be careful in how we use the things in our care. One way we can do this is to use things carefully.
- **ASK:** How can we carefully use a piece of paper? Use the size of paper we need; Use both sides; recycle the paper.
- **ASK:** How can you make careful use of our food? Only take what we can really eat; compost our garbage
- **SAY:** We are going to use from strips of cloth from old clothing to make something new. We are going to recycle the old cloth into something useful and new. We are going to make some braided rugs for our classroom. We will need each person to help.

- **AFTER ONE MONTH**, dig up the items and record the condition. Rebury the items.
- **AFTER TWO MONTHS**, dig up the items and record.
- **AFTER THREE MONTHS, SIX MONTHS**, dig up and record.
- **ASK:** What has happened to the items? Which is falling apart the quickest?
- **ASK:** What would happen to these items if we left them here for 20 years?
- **ASK:** Does our school have any recycling projects? What can we do to help the project? Does your home recycle? Why? Why not?
- **POSIT:** Recycling is reusing and carefully using our resources.

- **SHOW** how to braid the three strips together.
- **SHOW** how to connect the braided strips into one long braid.
- **COIL** the one long strip.
- **HAVE** Parents stitch the coil together.
- **WHEN FINISHED**, bless the quiet area rug (rugs) and put in place.
- **REMIND** the students during the braiding that they are recycling.
- **ASK:** Why do we recycle? To be good stewards of God's creation.

RESOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Student) Interactive paper facts for student.

<http://www.tappi.org/paperu/welcome.htm>

(Student and Teacher) Packing a lunch that you can recycle.

<http://www.reduce.org/school/index.html>

(Teacher and Student) Rate of Decomposition

In this activity students will experiment with the **decomposition rate** of ... be trash not articles that are new so that **children** can begin to understand the .

<http://www.utmsi.utexas.edu/people/staff/dunton/k12/Rate%20of%20Decomposition.htm>

Religious Links

(Teacher) Stewardship stories for elementary levels.

<Http://www.archstl.org/stewardship/seeds/stories.html>

(Teacher) Ideas for involving children in stewardship

http://www.archstl.org/stewardship/index.php?option=com_content&task=view&id=112&Itemid=224

KEY WORDS
LIFE SCIENCE – GRADE TWO – LESSON 9 - CA



RECYCLE

DECOMPOSITION

PREDICT

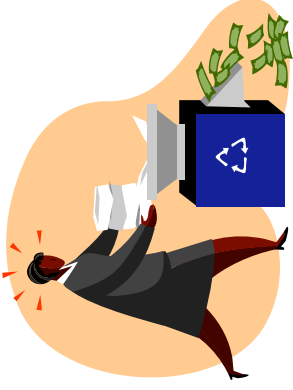
RATE

STEWARDSHIP

RESOURCES

RE-USING

KEY WORDS
LIFE SCIENCE – GRADE TWO – LESSON 9 - CA



RECYCLE

STEWARDSHIP

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RATE