



Grade Level: **Grade 1**

Title:

Natural Resources & Wise Use of Resources

Denomination: **Catholic**

Lesson ID: **ES-G1-04-CA**

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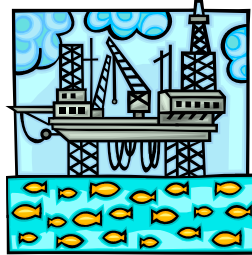
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Note: Web sites referenced in this lesson were valid at time of publication.

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EARTH SCIENCE MODULE – FIRST GRADE - CATHOLIC LESSON 4 – Natural Resources and the World is a Gift From God.

GENERAL CONCEPT: Natural Resources: air, water, oil and minerals, tree and plants, animals, soil, and landforms and God gave us the World and its resources as a gift. We must care for our world wisely.

SCIENCE LESSON CONCEPT

The earth has many natural resources such as: air, water, oil and minerals, trees and plants, animals, and soil and landforms.

GOAL OF SCIENCE LESSON

1. Student will observe some of our natural resources.
2. Student will record observations.
3. Student will make a recycling plan to help take care of the earth's resources.

OUTCOME EXPECTED

Student will become more resource conscious.

RELIGION LESSON CONCEPT

Our world is a gift from God. We can learn about those natural resources so we can care for our world wisely.

GOAL OF RELIGION LESSON

Student will learn that our natural resources, which were created by God, must be cared for wisely.

OUTCOME EXPECTED

Student will be able to identify some of the wonders that God created in our world.

MATERIALS NEEDED

- Pictures of clean and polluted air.
- Pictures of clean and polluted water.
- Pictures of litter around trees and plants
- Pictures of animals killed for one part: rhino for horn, elephant for tusk.
- Science Journal Page; NATURAL RESOURCES
- Pencil

SCIENCE METHODOLOGY

- **SHOW** the pictures of clean and polluted resources.
- **ASK:** How does each resource help us to live?
- **RECORD** ideas on board.
- **ASK:** What happens if there is NO MORE of each of these resources?
- **RECORD** answers on the board.
- **ASK:** How can we keep this from happening?
- **TALK** about how trees in the Amazon rainforests are being cut down and that is cutting off our supply of oxygen as well habitat for the animals and plants.

MATERIALS NEEDED

- Pictures of various regions of the earth: tropical, desert, and polar regions.
- Large piece of paper for wall mural
- Crayons or markers
- Paper to draw the resource
- Scissors
- Glue

RELIGION METHODOLOGY

- **SHOW** the pictures of the various world regions.
- **ASK:** What resources might be in the tropical areas?
- **SUGGEST:** birds, monkeys, plants, fruits, nuts, trees
- **ASK:** What resources might be in the desert?
- **SUGGEST:** camels, sand, oil, minerals
- **ASK:** What resources are in the polar regions?
- **SUGGEST:** Walrus, penguins, seals, polar bears, ice cap, oil, birds.
- **ASK:** What happens if an area is destroyed?

- **TALK** about how most of the world's oil seems to be in desert regions. Why do we need oil?
- **TALK** about how littering paper and plastic is bad for us and our world.
- **EACH STUDENT** chooses a resource. Each one makes a recycling plan for school or home.
- **WRITE** the plan on the Science Journal Page:
NATURAL RESOURCES
- **GIVE** the student a week to try the plan at home or at school.
- **REVIEW** the progress.
- **POSIT:** Caring for our natural resources makes sense.

- **DISCUSS** how God created these regions and resources and how we are keepers (stewards) for God.
- **DISCUSS** how the school or home recycling plan is going.
- **HAVE** the student draw and color pictures of natural resources for a large picture mural.
- **HAVE** the student cut out and glue the picture on the mural.
- **MAKE** the title: We Care For Our Natural Resources.
- **DISPLAY** the mural.

RESOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Teacher) Instructions to make “shrinky dinks” from potato chip lids (clear recycle code # 6 lids)

<http://thinkingfountain.org/r/reducereuserecycle/reduceresuerecycle.html>

(Student) Click and drag game teaching, reduce, reuse, recycle.

http://www.recyclezone.org.uk/home_fz.aspx

(Teacher and Student) Games, puzzles, and links

<http://www.p2pays.org/recycleguys>

Religious Links

(Student) Beautiful on-line story of creation set to music. Different languages may be selected.

http://www.kids4truth.com/eng_creation.htm

(Teacher) Printable coloring pages

<http://www.coloring.ws.creation.htm>

(Student) on-line game of concentration celebrating God' Creation.

http://webelieveweb.com/students_games.cfm?grade=1&unit=1&game=matching

(Student) on-line coloring, games, and activities about Creation

<http://www.akidsheart.com/bible/ot/creation.htm>

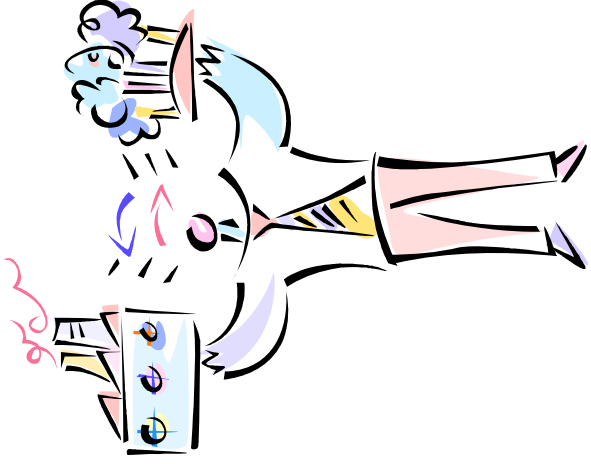
KEY WORDS
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NATURAL RESOURCE
AIR
WATER
OIL
MINERALS
TREES
PLANTS
SOIL
LANDFORMS

WISELY
CHOICE
WORLD
DESERT
POLAR
TROPICAL

KEY WORDS
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