



Grade Level: **Kindergarten**

Title:

Animal Shelters & Shelters as God's Gift

Denomination: **Catholic**

Lesson ID: **LS-GK-05-CA**

Contact Info:

Exploring the World, Discovering God (EWDG)
Institute for Theological Encounter with Science & Technology (ITEST)
20 Archbishop May Drive, Suite 3400A
St. Louis, MO 63119

EWDG email: EWDG-Info@creationlens.org

EWDG web site: www.creationlens.org

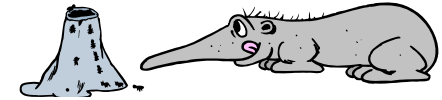
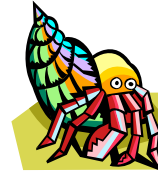
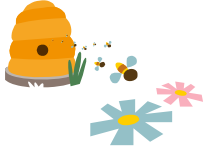
ITEST web site: www.faithscience.org

Ph: 314.792.7220

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

Copyright by Exploring the World, Discovering God (EWDG), a pilot program of Institute for Theological Encounter with Science & Technology (ITEST). All rights reserved. The contents, or parts thereof, i.e., lessons/modules, may be reproduced for classroom educational use only. Any reprinting or reproducing for the purpose of sale is prohibited, and if done, party is subject to all legal sanctions.

© ITEST © EWDG



LIFE SCIENCE MODULE – KINDERGARTEN – CATHOLIC LESSON 5 – Animal Shelters and God provides shelter for each creature

GENERAL CONCEPT: Every creature needs a specific shelter

SCIENCE LESSON CONCEPT

Each animal requires a specific shelter.

GOAL OF SCIENCE LESSON

1. Student will sort and classify animals by type of shelter environment..

OUTCOME EXPECTED

1. Student will be able name the type of shelter needed for a bee, an ant, a hermit crab, a small lizard, or a butterfly.
2. Student will experience the life cycle of a butterfly and the shelter needed through a butterfly hatching project.

RELIGION LESSON CONCEPT

God, the Creator, provides a shelter for each creature.

GOAL OF RELIGION LESSON

1. Student will learn that providing adequate shelter for creatures is a Christ-like virtue.
2. Student will learn to care for animals and treat them as St. Francis did.

OUTCOME EXPECTED

1. Student will be able to describe how to care for a pet or a specific animal.
2. Student will see the need to provide adequate shelter for people.

MATERIALS NEEDED

- Video on bee hive or a visit to a bee exhibit
- An ant farm
- 1 terrarium and a hermit crab
- 1 terrarium and a small lizard
- Science Journal Page: Shelters
- Pencils
- Black Line drawing copies of an ant hill and tunnel, a shell, cocoon, bee hive, and a tree branch – one per student or for a group of students.

SCIENCE METHODOLOGY

- **USE** the large newsprint with pictures of various environments to discuss what type of shelter creatures would need in each environment.
- **EXPLAIN** each animal that you will study: bee, ant, lizard, hermit crab, and butterfly.
- **DISCUSS** what type of shelter each needs.
- **HAVE** student draw the shelter and the animal on the Science Journal Page

MATERIALS NEEDED

- Creation story from the Bible about creation of animals
- Story of St. Francis of Assisi
- Drawing paper and crayons/markers
- Large Paw Print on Construction Paper – one per student
- Ruler or large craft stick – one per student
- Black line drawing copies used in science class (lizard, hermit crab, ant, bee. Butterfly)
- Large newsprint chart with pictures of various environments.

RELIGION METHODOLOGY

- **READ OR REVIEW** the Creation Story about the creation of the animals
- **SHOW** the large newsprint of animal environments
- **HAVE** the student identify the kinds of animals suited for each environment.
- **HAVE** the student name what type of shelter each environment would require.

- **HAVE** the student or a group of students color the ant hill and tunnel and draw in an ant.
-
- **HAVE** the student or a group of students color the shell and draw a hermit crab emerging from it.
- **HAVE** the student or a group of students color the cocoon and draw the larva and the butterfly.
- **HAVE** the student or a group of students color the tree twig and leaf and draw a lizard on it.
- **STUDENTS** will review the science journal page and their shelter drawings and make any additions or corrections.
- **POSIT:** Animal can live in hot or cold climates because they can find the correct shelter.

- **USE** the black line copies the students colored in science class or have the student or a group of students color each one now: ant, bee, lizard, hermit crab, and butterfly to discuss how each creature has a shelter.
- **HAVE** each student cut out the Paw Print and glue or tape it to the ruler or large craft stick. They can draw a picture of their pet or the pet they would like to have on the paw.
- **READ** a story about St. Francis of Assisi and how he respected and cared for all creatures.
- **ASK:** How does want us to treat our pets and all creatures? Write answers on board.
- **ASK** the students how they care for a pet. Discuss and post the replies. Shelter should be one of the items.
- **LEAD** a prayer service using the Paw Prints as the children thank God for the gift of animals and promise to care for them
- **ASK:** What type of shelter do people need? Does everyone have a shelter? Why? Why not? How can we help?
- **DEVISE** and plan a service project in which students collect pennies for shelter and donate them to Habitat for Humanity or a local Catholic housing initiative.

POSIT: God provides shelter for all creatures and He uses each one of us to do it.

SCIENCE RESOURCES AND LINKS

(Teacher) Coloring pages of animals to print and copy.
www.nationalgeographic.com/coloringbook

(Students) Games includes “Build A Beast” and “Where’s the Animal?”

<http://sandiegozoo.org/kids/games>

(Teacher) Chart of the kinds of animals to print and copy.

<http://www.learninghaven.com/science>

RELIGIOUS RESOURCES AND LINKS

(Students) on-line picture students can create, then print.

<http://faithfirst.com/html/kidClub/games/signsGodsLove.html>

(Teachers) Coloring pages of Bible verses to print and copy.

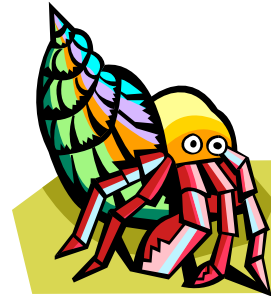
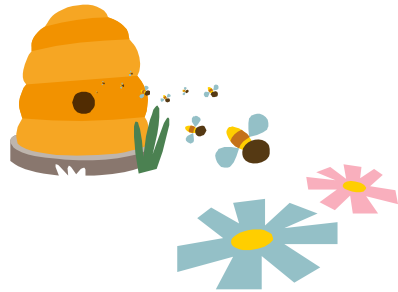
www.akidsheart.com

COMPUTER ACTIVITIES

- 1) Using KidPix or KidPix Deluxe, students work in pairs.
The first child draws a habitat and the second child chooses an animal group or draws an animal that lives in that habitat.
You can also use www.tuxpaint.org for this activity.

- 2) Using KidPix or KidPix Deluxe, each child designs a page for a class book called “God Made Each Animal Special.” Ex: God gave monkeys long tails so they could swing from tree to tree. www.tuxpaint.org will also work for this activity. After the teacher assembles the class book, students take turn checking out the book to share at home.

KEY WORDS
LIFE SCIENCE – LESSON 5 – KINDERGARTEN - CA



SHELTER
ENVIRONMENT
BEE
ANT
HERMIT CRAB
BUTTERFLY
LARVA
COCCON

CREATOR
VIRTUE
ST. FRANCIS OF ASSISI
PATRON SAINT
BLESSING

KEY WORDS
LIFE SCIENCE – LESSON 5 – KINDERGARTEN - CA



SHELTER

CREATOR

ENVIRONMENT

VIRTUE

BEE

ST. FRANCIS OF ASSISI

ANT

PATRON SAINT

HERMIT CRAB

BLESSING

BUTTERFLY

LARVA

COCCON