



*Grade Level:* **Kindergarten**

*Title:*

**Objects have different properties &  
God made people in His image and likeness**

*Denomination:* **Catholic**

*Lesson ID:* **PS-GK-01-CA**

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

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## PHYSICAL SCIENCE MODULE – KINDERGARTEN - CATHOLIC

### LESSON 1: Objects have different properties and God made people in His image and likeness.

**GENERAL CONCEPT:** Objects have different properties such as shape, color, and form.

#### SCIENCE LESSON CONCEPT

Objects can have different properties.

- Objects can be circles, triangles or squares.
- Objects can be different colors.
- Objects can be flexible or stiff, straight or curved.

#### GOAL OF SCIENCE LESSON

Student will be able to sort and classify objects by shape, color, or form.

#### OUTCOME EXPECTED

Student will recognize shape, color, and form in ordinary objects.

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#### RELIGION LESSON CONCEPT

God made all people in His own image and likeness.

All people look different, but have some common properties: creatures made by God, male or female, have height, have weight, skeleton, muscles, heart, eyes, ears, nose, mouth, hands, and feet.

#### GOAL OF RELIGION LESSON

Student will know that people, while different, share the same human nature.

Student will know that all people are loved by God.

#### OUTCOME EXPECTED

Student will become less prejudiced by appearances.

## MATERIALS NEEDED

- Objects listed below are suggestions:  
Square objects: box, cracker, a piece of tile  
Triangular objects: musical triangle, a paper clip, yield sign  
Circular objects: a round cookie, a metal ring, a ball
- Objects of different colors: red, green, yellow, black, brown, purple, blue and orange.
- Objects that have different form: a stiff pointer, a flexible piece of tubing, a straight ruler, a curved loaf of bread.
- Science Journal Page: OBJECTS
- Pencil/crayon

## SCIENCE METHODOLOGY

- **SHOW** the student all the objects. Allow the objects to be handled and closely examined.
- **TELL** the students that now you want them to think like scientists think. A scientist would start to put these objects into groups. The first group is COLOR. Put all the same colored objects together.
- **HAVE** the students put all the same colored objects into groups.
- **MAKE** a list on the board under each color.

## MATERIALS NEEDED

- Pictures of a variety of people: men and women; old and young, short and tall, fat and thin, every race, big noses and little noses; blond, black and red hair, etc.
- Children-shaped cardboard cut-out figures – 1 per child. Body cut-outs sizes can range from about 1 foot square to actual child-sizes.
- A picture of Jesus
- Crayons
- A selection of reading books on how we are alike; how we are different for the children to read

## RELIGION METHODOLOGY

- **SHOW** the student all the pictures.
- **ASK:** How are they all alike? (Record answers)
- **ASK:** Who made you (God)
- **ASK:** Who made all these people? (God)
- **SAY:** We are all made by God. We are all made in God's own image and likeness, even though we look different. We are all alike in our soul. It is the place in us where God can live.

- **HAVE** the student draw two same colored objects on the Science Journal Page and write the word: COLOR.
- **REPLACE** all the objects.
- **TELL** the student that a scientist would also make a group by SHAPE.
- **HAVE** the student put all the squares, circles, and triangles together in groups.
- **MAKE** a list of each group.
- **HAVE** the student draw two objects that are SQUARES on the Science Journal Page and WRITE the word: SQUARE.
- **REPLACE** all the objects.
- **TELL** the student that the scientist would make another group by form. Tell the student that form means: straight, curved, flexible or stiff.
- **HAVE** student sort the objects by form: straight, curved, flexible or stiff into groups.
- **MAKE** a list of each group.
- **HAVE** the student choose one group from form and draw two objects on the Science Journal Page and write the word: FORM.

- **DISCUSS** with the students how to treat people who are different. Remind them that God lives in each person.
- **GIVE** each student a cardboard cut-out. Have them draw themselves.
- **PUT** the child figures around a picture of Jesus
- **POSIT:** Jesus loves each of us just as we are. We don't have to be like anyone else.

- **REVIEW** from the lists you made on the board.  
Objects can have different properties: shape, color, form.
- **SHOW** the student that an object can be curved, red, and a circle – thus fitting all three properties.
- **POSIT:** Objects can be classified according to their properties.

## RESOURCES, LINKS AND COMPUTER LESSONS.

### Science Links

(Teacher) A Video Library of Physical Science Topics including properties of objects.

[http://www.libraryvideo.com/ssl/physci\\_fcvs.asp](http://www.libraryvideo.com/ssl/physci_fcvs.asp)

(Teacher) A book to purchase from NSTA.

[http://www.nsta.org/store/product\\_detail.aspx?id=10.2505/9781933531120](http://www.nsta.org/store/product_detail.aspx?id=10.2505/9781933531120)

### Religious Links

(Teacher or Parent)

[www.harcourtreligion.com/home\\_lessons.asp](http://www.harcourtreligion.com/home_lessons.asp)

Chapter 11 includes plan for showing how Jesus loved all people – not just the healthy or rich.

(Teacher) Coloring page of famous people, people from different countries, scenes, Color children from seven different countries.

<http://www.teacherhelp.org/color2.htm#famous>

**KEY WORDS**

**PHYSICAL SCIENCE – LESSON 1 – KINDERGARTEN - CATHOLIC**



**SHAPE**  
**COLOR**  
**FLEXIBLE**  
**STIFF**  
**STRAIGHT**  
**CURVED**  
**CLASSIFY**  
**PROPERTIES**



**GOD'S IMAGE**  
**DIFFERENCE**  
**HUMAN NATURE**  
**RACE**  
**GENDER**  
**HEIGHT**  
**WEIGHT**

**KEY WORDS**  
**PHYSICAL SCIENCE – LESSON 1 – KINDERGARTEN -**  
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**SHAPE**



**GOD'S IMAGE**

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