



Grade Level: **Kindergarten**

Title:

How we can change motion & how we are moved to do good

Denomination: **Christian**

Lesson ID: **PS-GK-05-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 5 – How we can change motion and how we are moved to do good.

GENERAL CONCEPT: Force and Motion and The Holy Spirit moves us to do good.

SCIENCE LESSON CONCEPT

Force can change the motion of an object.

GOAL OF SCIENCE LESSON

Student will learn how to change the motion of an object.

OUTCOME EXPECTED

1. Student can explain that objects move when forces act on them.
2. Student will know that force causes the change of velocity.

MATERIALS NEEDED

- Small toy boat

RELIGION LESSON CONCEPT

The Holy Spirit moves us to do good action.

GOAL OF RELIGION LESSON

Student will learn about the Holy Spirit and how He helps us.

OUTCOME EXPECTED

1. Student can tell that the Holy Spirit helps them make good choices.
2. Student will help someone pick up papers or include someone in a game at recess.

MATERIALS NEEDED

- Story of the Good Samaritan

- Aluminum pan
- Water and a tub for your pond
- Fan
- Small tray
- Paper squares
- Glue
- String

SCIENCE METHODOLOGY

- **SHOW** the student the toy boat and place it on the desk.
- **SAY:** Move, boat.
- **ASK:** Why didn't the boat do what I said?
- **ACCEPT** answers but get to that my words weren't enough force to move the boat.
- **ASK:** How can we get the boat to move?
- **ACCEPT** answers but get to put the boat in the water.
- **SAY:** Now the boat is floating on the water.
- **ASK:** How can we get it to move?

- Crayons or Markers

RELIGION METHODOLOGY

- **READ** the Story of the Good Samaritan to the children.
- **DISCUSS** who was the good person led by the Holy Spirit.
- **HAVE** the students think of places and ways they can be like the Good Samaritan in school, at home, with friends.
- **HAVE** the students draw a picture of themselves doing good acts led by the Holy Spirit.
- **DISPLAY** the drawings.

- **ASK:** What does it mean to push?
- **ASK:** How can we push the boat? Let the children demonstrate pushing the boat.
- **ASK:** How can we push the boat without touching it?
- **DEMONSTRATE** how the fan can push the boat.
- **ASK:** How can we use the water to push the boat?
- **DEMONSTRATE** how the wave action of the fingers in the water can push the boat.
- **ATTACH** a string and pull the boat.
- **ASK:** What forces did we use to move the boat? (Push and pull)
- **POSIT:** Force is needed to move an object.

- **SAY:** Jesus said that when we do something to another person, it is like doing it to Him. We need to make good choices. We need to choose to do the right thing.
- **SHOW** the student the pebble or stone.
- **ASK:** Is it OK to throw this stone into a lake? (Yes.)
- **HAVE** the student draw a picture of someone doing the right thing and color it.
- **HAVE** the student tell about the picture.
- **DISPLAY** the pictures.
- **POSIT:** An action can be good or bad depending on where we are and why we are going the action.

RESOURCES, LINKS AND COMPUTER LESSONS

Science Links

(Teacher and student) On-line activity, quiz, and game. Go to site then click on Forces.

http://www.bbc.co.uk/schools/ks2bitesize/science/physical_processes.shtml

(Teacher and Student) On-line activity, quiz, and game on push and pull.

http://www.bbc.co.uk/schools/scienceclips/ages/5_6/pushes_pulls.shtml

Religious Links

(Teacher) Download suitable activity.

www.webelieveweb.com/catechist_activities_for_download.cfm?grade-k

(Teacher) printable games and activities-Jesus loves children.

<http://www.daughtersofstpaul.com/paulinekids/games/printable/jesusnchildren.html>

(Teacher) Fruits of the Holy Spirit Word Finder Puzzle to print.

<http://www.holyspiritinteractive.net/kids/wordfinder/>

KEY WORDS
PHYSICAL SCIENCE – LESSON 5– KINDERGARTEN - CA

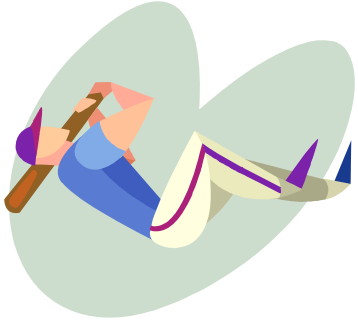


OBJECT
MOTION
FORCE
PUSH
PULL



HOLY SPIRIT
ACTION
GOOD
CHOICES

KEY WORDS
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