



Grade Level: **Kindergarten**

Title:

Changing Motion & Holy Spirit Moves Us

Denomination: **Catholic**

Lesson ID: **PS-GK-03-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 3 – How We Can Change Motion and the Holy Spirit moves us to do good.

GENERAL CONCEPT: Force and motion and the Holy Spirit moves to do well.

SCIENCE LESSON CONCEPT

How can we change motion?

GOAL OF SCIENCE LESSON

Student will learn how to change motion.

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 of motion.

MATERIALS NEEDED

- Small boat
- Aluminum pan

RELIGION LESSON CONCEPT

The Holy Spirit moves us to do good actions.

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 to make good choices.
2. Student will be able to give simple examples of good choices: help someone pick up papers, include someone in a game at recess.

MATERIALS NEEDED

- Story of the Good Samaritan
- Paper

- Water and Tub for your pond
- Fan
- Science Journal Page: Force and Motion
- Pencil
- Small tray
- Glue
- String
- Paper to make boat models

SCIENCE METHODOLOGY

- **DIVIDE** the class into boat building teams.
- **ASK:** Use paper to construct a boat. Give the teams a time limit.
- **TELL** the students to find ways to make it move on the floor or a desk.
- **INVESTIGATE** how push or pull changes it position.
- **PLACE** the fan near the boats. Observe what happen
- **ASK:** How do the fan move the boat? (Wind pushed.)
- **PLACE** the small boat in the pan of water.

- Pencil or crayons

RELIGION METHODOLOGY

- **READ** the story of The Good Samaritan from the Bible..
- **EMPHASIZE** who the people were who came across the beaten man.
- **EXPLAIN** how the Samaritans and Jews never even spoke to each other.
- **ASK:** What choices did the people have?
- **ASK:** What did the Samaritan do?
- **SAY:** Sometimes we have to choose to do the good thing. When we do, the Holy Spirit is helping make

- **HAVE** a student move their fingers in the water.
- **ASK:** What effect did the motion in the water have on the boat?
- **HAVE** the students draw the boat on the water on their Science Journal Page and use an arrow to indicate how the boat moved.
- **HAVE** another student move their fingers on the other side of the boat.
- **ASK:** What happened to the boat?
- **HAVE** the students draw the boat on the Science Journal Page and use an arrow to indicate how the boat moved.
- **ATTACH** a small string to the boat and pull it.
- **ASK:** What happened to the boat?
- **HAVE** the students draw the boat on the Science Journal Page and use an arrow to indicate how the boat moved.
- **ASK:** How can we change the direction of an object's motion?
(Push, pull)

POSIT: We can change the direction of an object's motion by exerting a push or pull force.

a good choice.

- **ASK:** Where are some places and ways you can be like the Good Samaritan in school, at home, with friends, or anyone? (Discuss and record on chalkboard.)
- **HAVE** the students draw themselves doing good acts led by the Holy Spirit.

RESOURCES, LINKS AND COMPUTER LESSONS

Science Links

(Students and Teacher) On-line exercise

[BBC - Schools - KS2 Bitesize Revision - Science](http://www.bbc.co.uk/schools/scienceclips/ages/5_6/pushes_pulls.shtml)

Springs When a spring is stretched or squashed, it creates a force in the opposite direction because the spring tries to get back to its original shape.

(Students) Science Clips on Pushes and Pulls

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

Religious Links

(Printable Playground picture for teacher to copy and print. Children can draw in children make good choices.

http://www.webelieveweb.com/documents/downloadables/parkish/grade_k/gk_chapter_19.pdf

(Teacher) Printable games and activities- "Jesus Loves All Children" printable coloring page. Follow prompts.

www.myfriendmagazine.com

(Student) On-line coloring page

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

KEY WORDS
PHYSICAL SCIENCE – LESSON 3 – KINDERGARTEN - CA



MOTION

HOLY SPIRIT

CHANGE

ACTIONS

FORCES

CHOICES

VELOCITY

GOOD SAMARITAN

PUSH

PARABLE

PULL

JEWS

POSITION

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