



Creation Lens

Exploring the World, Discovering God

Grade Level: Grade 2

Title:

Cause and Effect & Good and Sinful Actions

Denomination: Catholic

Lesson ID: PS-G2-04-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 – GRADE TWO - CATHOLIC LESSON 4: CAUSE AND EFFECT

GENERAL CONCEPT: Cause and Effect

SCIENCE LESSON CONCEPT

What is cause and effect?

GOAL OF SCIENCE LESSON

Students will see how forces affect our life.

OUTCOME EXPECTED

Students will understand that effects are produced by causes.

MATERIALS NEEDED

- Magnets
- Balloons
- Circuit set
- Switch

RELIGION LESSON CONCEPT

Our actions produce effects. God allows our free will to produce results. Some actions are good and some are sinful.

GOAL OF RELIGION LESSON

Students will learn that they have free will and that they are responsible for the effects of their actions.

OUTCOME EXPECTED

Students will see how choices affect life.

MATERIALS NEEDED

- Chart paper or blackboard
- Marker or chalk
- Papers with various choice situations on them. (For example: Share a treat, not include someone in a game; do homework, tell a lie to get out of trouble; break something on purpose, etc)

- Battery and light bulb
- Science Journal Page: CAUSE AND EFFECT
- Pencil
- Classroom objects: chalk, paper clip, rubber band

SCIENCE METHODOLOGY

- **GIVE** each student the Science Journal Page: CAUSE AND EFFECT.
- **HAVE** them write a prediction for each of the following:
- You blow up the balloon. **ASK:** How much air is too much?
- You put the paper clip closer and closer to the magnet?
- You connect the circuit set and the switch?
- You connect the batter to the light bulb wires?
- **AFTER** the predictions are recorded, do the experiments and record the results.
- **ASK;** What have we learned about what caused the effect in each experiment.
- **POSIT:** Every action produces a reaction. Every cause will produce an effect.

RELIGION METHODOLOGY

- **MAKE** a list of good choices and bad choices on the chart paper or blackboard. Have the children suggest some under each heading.
- **ASK:** What do our good actions (choices) cause?
- **ASK:** What do our bad choices cause?
- **DIVIDE** the class into groups. Give each group a paper with a choice role-playing situation on it.
- **GIVE** each group a few minutes to prepare to role-play the choice.
- **HAVE** the groups role play the choice. Let the rest of the class observe and try to name the choice.
- **DISCUSS** what happened because of the choice that was made.
- **READ** the story of the choice of Adam and Eve in Genesis.
- **ASK:** What choice did Adam and Eve make?

RESOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Student and Teacher or Student) Ant moves by magnetism
<http://daniellesplace.com/html/freeantlesson.html>

(Teacher) Lesson and plan on simple circuits
http://www.umd.umich.edu/sep/students/mgmann_Pgiless.html

(Teacher) Demo lesson on cause and effect
http://www.philliproxy.com/par_cause.htm

- **ASK:** What was the result of their choice?
- **ASK:** How can you get help to make good choices?
- **POSIT:** Every choice we make as an effect.

Religious Links

(Student) Interactive student game of a prayer walk. Choose to answer correctly or not.
<http://www.faithfirst.com/html/kidClub/games/prayerWalk.html>

(Teacher) www.webelieveweb.com

(Teacher and Parent) Article on how to teach Kids to make good choices.
<http://www.teachkidshow.com/teach-your-child-how-to-make-good-choices/>

(Teacher and Parent) Using stories to teach about Good Choices
<http://www.teachingexpertise.com/articles/helping-young-children-to-make-good-choices-1046>

KEY WORDS
PHYSICAL SCIENCE – GRADE TWO – LESSON 4 - CA

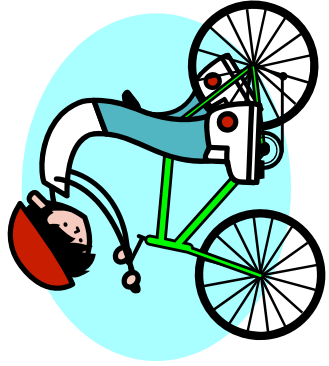


CAUSE
EFFECT
FORCES
MAGNET
CIRCUIT
SWITCH



ACTIONS
REACTIONS
FREE WILL
RESPONSIBLE
GOOD CHOICES
BAD CHOICES

KEY WORDS
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