



Grade Level: Grade 1

Title:

Parts and Whole & Church as Whole and Parts

Denomination: Catholic

Lesson ID: PS-G1-01-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 – GRADE ONE - CATHOLIC
LESSON 1: Parts and Whole and Church as whole and parts

NOTE: NEED MORE OF A CHALLENGE? USE THE ** ITEMS.

GENERAL CONCEPT: Parts and Whole

SCIENCE LESSON CONCEPT

1. Objects are made up of parts.
2. Parts can help an object (the whole) move.
3. Objects can move or be moved to different positions.

GOAL OF SCIENCE LESSON

1. Student will be able to identify whole objects and parts of objects.
2. Student will know how parts work together to help objects move.

RELIGION LESSON CONCEPT

1. The Church is a whole made up of parts.
2. The parts (the members) can help the church move to become more loving.

GOAL OF RELIGION LESSON

1. The student will know that we belong to a church Community (the Body of Christ).
2. We are the parts and can help the Church to become more loving.

OUTCOME EXPECTED

The student will be able to explain the relationship between part and whole.

MATERIALS NEEDED

- Toy car with wheels
- Tape measure
- Toy car without wheels
- Ramp
- Science Journal Page: PARTS AND WHOLE

SCIENCE METHODOLOGY

- **SHOW** the toy car with wheels.
- **ASK:** What parts does a car have?
- **RECORD** the answers on the board and point out where they are on the toy car.
- **ASK:** What parts does a car need to move? Be sure that the wheels are included.

OUTCOME EXPECTED

The students will be able to describe their role as a member of the Church.

MATERIALS NEEDED

- Chart paper with drawing showing the outline of the Body of Christ
- Marker

RELIGION METHODOLOGY

- **SHOW** the chart with the outline of the Body of Christ.
- **ASK:** What parts do we have in the Body of Christ? Are we His eyes to see how good people are or what other people need? Fill in the student replies on the Body of Christ chart.
- **TELL** the student that when Jesus went back to heaven, He asked us to continue His work here on earth. We are to be His hands and arms. We are the

Body of Christ here on earth. We are to be Jesus to others.

- **DEMONSTRATE** how the wheels of the car turn and how they help the car to move by letting the car roll down the ramp.
- **MEASURE** the distance the car rolled.
- **DEMONSTRATE** again by using the wheel-less car. Place it on the ramp just like the first car and let it go.
- **ASK:** What happened? Did it move? Which worked best?
- **HAVE** student draw both demonstrations on the Science Journal Page: Parts and Whole.

**** CHALLENGE- ASK:** What would happen if the road (ramp) was not smooth? How would that affect the car's performance? Show students several additions to the ramp: oily streak, sandpaper, miniature trees, small sticks to form a speed bump.

**** ALLOW** the students to predict, observe, experiment and record the various changes to the ramp.

- **POSIT-** Parts can help the whole move.

- **ASK:** What kinds of things can we do as His hands?
- **RECORD** on board or outline of Body of Christ
- **CONTINUE** with eyes, ears, mouth, feet
- **MAKE** a promise to do something as Jesus' hands by the next lesson.
- **POSIT** – As members of the Church, we can help the whole Church grow more loving.

RESOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Teacher) Lesson plan and experiment on force and movement

<http://classroom.jc-schools.net/sci-units/force.htm#1>

(Teacher) Several complete lesson plans on balance and motion.

<http://www.d11.org/science/2balance/2balance.htm>

(Student) Several kid-friendly activities on balance and motion

<http://westlakees.wcpss.net/firstgradeinternetlessonplans.html#science>

Religious Links

(Teacher) Play the song “We Are Many Parts”. If possible have the words printed.

<http://www.giamusic.com/searchPDFS/G6876.pdf>

(Teacher) Several Body of Christ activities.

<http://www.kidssundayschool.com/Gradeschool/Topics/Pages/bodyofchrist.php>

(Teacher) A Body of Christ Game for various size classrooms.

http://www.christiancrafters.com/game_body-of-christ.html

KEY WORDS
PHYSICAL SCIENCE – LESSON 1 – GRADE ONE - CA



OBJECT

WHOLE

PARTS

EXPERIMENT

THEORY



BODY OF CHRIST

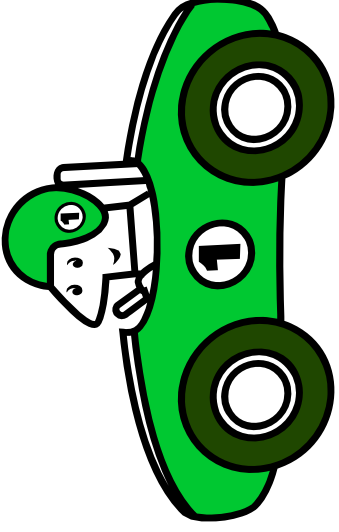
MEMBERS

CHURCH

ROLES

LOVING

KEY WORDS
PHYSICAL SCIENCE – LESSON 1 – GRADE ONE - CA



OBJECT

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