



Grade Level: Grade 5

Title:

Human Body System & The Body of Christ

Denomination: Catholic

Lesson ID: LS-G5-09-CA

Contact Info:

Exploring the World, Discovering God (EWDG)
Institute for Theological Encounter with Science & Technology (ITEST)
20 Archbishop May Drive, Suite 3400A
St. Louis, MO 63119

EWDG email: EWDG-Info@creationlens.org

EWDG web site: www.creationlens.org

ITEST web site: www.faithscience.org

Ph: 314.792.7220

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

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LIFE SCIENCE – GRADE 5 – CATHOLIC LESSON TITLE: Human Body System & The Body of Christ

GENERAL CONCEPT: The Body: Parts and Whole

SCIENCE CONCEPT

- All parts of the body are necessary

GOAL OF SCIENCE LESSON

- Students will construct a life-sized model of the human body and will explore the human body as a system.
- Students will learn how the systems all fit together in the human body.
- Students will learn how the body systems function as a whole.

RELIGION LESSON CONCEPT

- All parts of the Body of Christ are necessary

GOAL OF RELIGION LESSON

- Students will construct a model of the Body of Christ which includes a picture of each child in the class with each one's gifts and talents.
- Students will recognize the vital importance and value of each member to the proper functioning of the Body of Christ.

OUTCOME EXPECTED

- Students will be able to create and label a model of the human body that contains our 7 systems.

MATERIALS NEEDED

- Science Journal page: Human Body Systems
- Pen or pencil
- Construction paper
- Butcher paper
- Markers and crayons
- Yarn
- Glue
- Scissors
- Resources (posters, textbook, transparencies) with the body parts and labels of the systems

OUTCOME EXPECTED

- Students will be able to create a personal sheet with their picture and write or draw their personal gifts and talents on it.
- Students will create a collage of their personal sheets on the outline figure of the Body of Christ.

MATERIALS NEEDED

- Religion Notebook/Journal
- Pen or pencil
- Markers and crayons
- Glue
- Scissors
- Picture of self
- 1 Corinthians 12: 4-27
- Copy of the Gifts of the Holy Spirit
- List of Class members
- Poster Paper
- Large sheet of butcher block paper (to make the large Body of Christ outline)

SCIENCE METHODOLOGY

- **BRIEFLY REVIEW** the 7 body systems.
- **NAME** the systems: Nervous, Circulatory, Respiratory, Endocrine, Reproductive, Skeletal, and Digestive.
- **AS A REVIEW**, ask what organs or parts make up each system. (Nervous System: brain, spinal cord; Circulatory System: heart, arteries, veins; continue on with each system)
- **EXPLAIN** that all 7 body systems fit into one human body.
- **ASSIGN** each student to a group and assign each group one of the body systems.
- **HAVE** each group draw the major parts of that body system on the Science Journal page or scrap paper.
- **HAVE** the students draw a human body on the butcher paper.
- **HAVE** the students draw and label the major parts of the human body from each system on the human body outline using their group drawing.
- **ASK:** How do the body systems work together? (They interrelate) This exercise will tell you how much the students understand about each body system.
(Note: Students may use research sheets on the individual body systems from a previous lesson or use their textbook.

RELIGION METHODOLOGY

- **READ** 1 Corinthians 12: 12-27 about the body and its different functions.
- **DISCUSS** the Gifts of the Holy Spirit naming each gift and briefly defining and describing it.
- **READ** 1 Corinthians 12:4-11.
- **SAY:** St. Paul wrote to the Church at Corinth about the variety of gifts given by the Holy Spirit and how it was good that we had such a variety.
- **GIVE** students the copy of the Gifts of the Holy Spirit. Briefly review what each gift means.
- **HAVE** the students brainstorm the gifts and talents that God has given to each member of the class. Students must only write positive gifts. (polite, helpful, generous, good athlete)
- **GIVE** each student the class list.
- **ALLOT** time for students to reflect and write one gift for each class member.
- **SAY:** Hand in your lists of class members and gifts of each person. I will put them together. **NOTE:** Teacher should review the gifts suggested by the students and supplement and/or delete as necessary.

- **POSIT:** The human body systems interrelate with each other to keep the body functioning.

- **GIVE** each student a page which contains only the gifts suggested by their classmates.
- **STUDENTS** will create a poster page (8½ x 11) that contains their picture along with words, phrases, and/or drawings of their personal gifts and talents. (picture of a soccer player; words like: fast, accurate, strong; phrases like good team player)
- **STUDENTS** will create a large poster which contains all the members of the Body of Christ including their individual poster pages.
- **DISCUSS** how each member is needed to make the body whole and to function properly – building up the Kingdom of God on earth.
- **POSIT:** Each person is needed and valued as a member of the Body of Christ.

SCIENCE LINKS

www.brighthub.com/education/k-12/articles/82026.aspx

5th Grade Worksheets and Body System Activities

<http://www.brighthub.com/science/medical/articles/111960.aspx>

An overview of the 11 Body Systems

RELIGION LINKS

www.tellout.com/body/mystical7.htm

Christians and the Body of Christ

www.gotquestions.org/body-of-Christ.html

How is the church the Body of Christ? What are the implication of the church being the Body of Christ?

KEY WORDS

- BODY SYSTEM
- CIRCULATORY
- ENDOCRINE
- REPRODUCTIVE
- RESPIRATORY
- SKELETAL
- DIGESTIVE
- NERVOUS
- RELATIONSHIP
- INTERRELATIONSHIP

KEY WORDS

- BODY OF CHRIST
- RELATIONSHIP
- INTERRELATIONSHIP
- CORINTH
- ST. PAUL
- EPISTLE
- GIFTS
- TALENTS