



Grade Level: Grade 5

Title:

Classifying Living Things & Classifying the Sacraments

Denomination: Catholic

Lesson ID: LS-G5-10-CA

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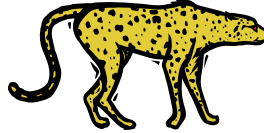
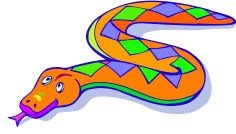
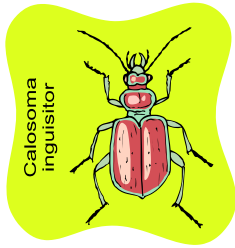
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LIFE SCIENCE – GRADE 5 – CATHOLIC

LESSON TITLE: Classifying Living Things & Classifying the Sacraments

GENERAL CONCEPT: Classifications

SCIENCE LESSON CONCEPT

- Classification of living things by sorting into groups based on structure and function

GOAL OF SCIENCE LESSON

- Students will classify organisms based on set structures and functions.

OUTCOME EXPECTED

- Students will develop a classification system based on structures of a group of organisms.

RELIGION LESSON CONCEPT

- Classification of the sacraments by sorting into groups based on structure and function

GOAL OF RELIGION LESSON

- Students will classify the 7 Sacraments into 3 categories.

OUTCOME EXPECTED

- Students will be aware that each sacrament has a particular way of helping us share God's life.
- Students will be able to sort the 7 Sacraments into three categories: Sacraments of Initiation, Sacraments of Healing, and Sacraments of Service or Vocation.

MATERIALS NEEDED

- Science Journal page: Classifying Organism
- Pen or pencil
- Dichotomous Key
- Creature cards – made by the teacher – a set of ten cards for every group of 2-3 students. Cards could all be the same or each set could be different.
- Paper
- Sheet of pictures of organisms on which students will write its correct name.

SCIENCE METHODOLOGY

- **IDENTIFY** the basic structures of organisms: number of legs, body segments, vertebrate or invertebrate.
- **SAY:** There are different ways to categorize or classify organisms based on an organism's features.
- **EXPLAIN:** You can classify organisms according to similar characteristics. (organisms with 2 legs - an ape and a human, organisms with opposable thumbs)
- **HAVE** the students form into groups of 2-3 students.
- **ASK:** What is a Dichotomous Key? (factor or factors used for sorting –animals with 4 legs, that can fly, etc.)

MATERIALS NEEDED

- Religion Notebook/Journal
- Pen or pencil

RELIGION METHODOLOGY

- **NAME** the Seven Sacraments in an unusual order like: Anointing of the Sick, Confirmation, Holy Orders, Baptism, Holy Eucharist, Penance, and Marriage.
- **SAY:** In Science class we learned about a Dichotomous Key which is used to sort things. Today in Religion class we are going to use a Dichotomous Key too.
- **SAY:** the Seven Sacraments are classified into 3 categories according to the way they help us share in God's life: Sacraments of Initiation, Sacraments of Healing, and Sacraments of Service or Vocation.
- **WRITE** the three categories on the board and have the

- **HAND** each group a set of 10 cards of creatures with a Dichotomous Key to sort out organisms by similar characteristics. (teacher has prepared the index cards ahead of time)
- **HAVE** the groups report the kind of classification they have made of the organisms on their cards.
- **IF CARD SETS WERE DIFFERENT**, have the students write the ten organisms on the board and explain the classification they gave them. (all have 8 legs, all have lungs)
- **HAVE** the students write on an answer sheet the correct name of the organism under its picture.
- **HAVE** the students then classify those animals by some similar characteristic.
- **POSIT**: Classifying organisms into groups helps us identify the organism.

students write the categories in their notebook.

- **SAY**: We will use 3 Dichotomous Keys to help us sort the sacraments into useful categories as we discuss them.
- **ASK**: Which Sacraments heal us and bring us more fully into God's grace? (Penance and Anointing of the Sick)
- **DISCUSS** how those 2 Sacraments do that.
- **ASK**: Which Sacraments bring us into full membership in the Church? (Baptism, Confirmation, and Holy Eucharist)
- **DISCUSS** how those three Sacraments initiate us into full membership.
- **ASK**: Which Sacraments help us to be of service in the Church? (Matrimony and Holy Orders)
- **DISCUSS** how those two Sacraments give us graces to live lives of service.
- **ASK**: Which Sacraments can be received only one time? (Baptism, Confirmation, Holy Orders)
- **ASK**: Why can they be received only once? (they leave an indelible mark on the soul)
- **ASK**: Are there any requirements for receiving the Sacrament of Holy Eucharist? (want to receive the

sacrament, have an active and loving relationship with Jesus, have no mortal (serious) sin on your soul, and have observed the 1 hour fast)

- **EXPLAIN** those requirements in some detail. Be sure the students understand that they cannot be in mortal sin and go to Communion or eat candy, drink soda or chew gum within the 1 hour fast time.
- **ASK:** Are there any requirements for receiving the Sacrament of the Anointing of the Sick? (want to receive the sacrament, be ill, be elderly, be facing surgery or a medical procedure which always has some risk)
- **DISCUSS** that this sacrament is not just for those about to die.
- **ASK:** Are there any requirements for receiving Holy Orders? (want to receive the sacrament, proper preparation, acceptance by the Bishop of your Diocese, be in the state of grace)
- **DISCUSS** how men prepare for ordination. If there is a transitional deacon serving in your parish, ask him to visit the classroom and talk about his preparation.
- **ASK:** Are there any requirements for receiving the Sacrament of Matrimony? (want to be married, be free to marry, be open to children, intend to be faithful, be adequately prepared)
- **DISCUSS** why the Church wants the two persons to be as prepared as possible for this vital work of being

married and having a family.

- **ASK:** Are there any requirements for receiving the Sacrament of Baptism? (cannot be forced to be baptized if of the age of reason)
- **ASK:** Are there any requirements for receiving the Sacrament of Confirmation? (want to be confirmed, observe the guidelines set for your diocese, be in the state of grace)
- **DISCUSS** the usual age and preparation for receiving Confirmation in your Diocese.
- **ASK:** Are there any requirements for receiving the Sacrament of Penance? (want to receive the sacrament, present yourself to the priest, be truly sorry, honestly confess your sins, intend to avoid sin in the future, say your penance)
- **HAVE** the students write in their notebooks the sacraments they have received and how each sacrament has enhanced their lives.
- **POSIT:** The Seven Sacraments, freely given gifts from Jesus, can be classified into three groups according to their function.

SCIENCE LINKS

www.exploringnature.org/db/detail_index.php?dbID=87&dbType=2t

[Classification of Living Things Index Exploring Nature](#) National Science Standards for Classification of Living Things ... 5-8 Structure and function in living systems, reproduction and heredity, regulation and ... This site can be looked at without charge but there is a \$25 individual membership for regular use. Contains really good activities and information.

www.biologyjunction.com/dichotomous_keying.htm

[Dichotomous keying](#) A dichotomous key is an organized set of couplets of mutually exclusive characteristics ... There is no apparent uniformity in presentation for dichotomous keys. ... Really helpful information and ideas for dichotomous keying.

http://www.saskschools.ca/curr_content/biology20/unit3/unit3_mod1_les2.htm

Good detailed lesson on dichotomous keying

RELIGION LINKS

www.sadlierreligion.com/webelieve/main.cfm?sp=student&...
Student Grade 5 Activities, Games, Study Guides, Unit 3: Sacraments of Healing...

www.americancatholic.org/features/special/default.aspx?id=29

The Seven Catholic Sacraments are ceremonies that point to what is sacred significant and important to Christians. They are special occasions for experiencing God's... Site contains a short paragraph about each sacrament and a symbol for each one.

KEY WORDS

- ORGANISM
- CLASSIFICATION
- CHARACTERISTIC
- DICHOTOMOUS KEY
- ADAPTATIONS

KEY WORDS

- SACRAMENT
- BAPTISM
- HOLY EUCHARIST
- CONFIRMATION
- PENANCE
- ANOINTING OF THE SICK
- HOLY ORDERS
- MATRIMONY
- SACRAMENTS OF INITIATION
- SACRAMENTS OF HEALING
- SACRAMENTS OF SERVICE OR VOCATION