



*Grade Level: Grade 2*

*Title:*

## **Parts of a Plant & The Blessed Trinity**

*Denomination: Catholic*

*Lesson ID: LS-G2-11-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](mailto:EWDG-Info@creationlens.org)

EWDG web site: [www.creationlens.org](http://www.creationlens.org)

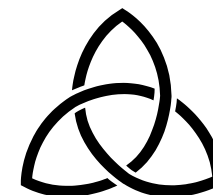
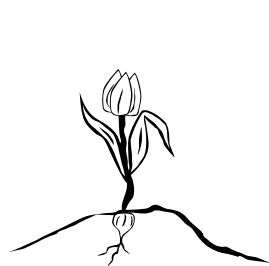
ITEST web site: [www.faithscience.org](http://www.faithscience.org)

Ph: 314.792.7220

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

Copyright by Exploring the World, Discovering God (EWDG), a pilot program of Institute for Theological Encounter with Science & Technology (ITEST). All rights reserved. The contents, or parts thereof, i.e., lessons/modules, may be reproduced for classroom educational use only. Any reprinting or reproducing for the purpose of sale is prohibited, and if done, party is subject to all legal sanctions.

© ITEST © EWDG



**LIFE SCIENCE – GRADE 2 - CATHOLIC**  
**LESSON TITLE: Parts of a Plant & The Blessed Trinity**

**SCIENCE LESSON CONCEPT**

- Identify roots, stems, and leaves

**GOAL OF SCIENCE LESSON**

- Students will learn the functions of roots, stems, and leaves.

**OUTCOME EXPECTED**

- Students will name and describe the functions of the parts of a plant.

**RELIGION LESSON CONCEPT**

- Identify that there are three Persons in one God

**GOAL OF RELIGION LESSON**

- Students will learn what Jesus taught us about God the Father and God the Holy Spirit.

**OUTCOME EXPECTED**

- Students will be able to name the three Persons in God.
- Students will be able to identify the Blessed Trinity.

## MATERIALS NEEDED

- Two microscopes
- A knife
- A large plant
- Science Journal Page: Parts of a Plant
- Chalkboard or chart paper
- Terms: roots, stem, leaves
- Pencil
- Crayons or markers

## SCIENCE METHODOLOGY

- **SAY:** Today we are going to learn about 3 parts of a plant. All the parts are important to the growth of the plant.
- **WRITE** the words “roots, stem, leaf” on the chalkboard or chart paper.

LS-G2-11-CA

## MATERIALS NEEDED

- Crayons
- Large picture of a Triqueta. See icon on heading.
- Copy of the picture of the three circles joined together – 1 per student
- Chalkboard or chart paper
- Bible: Genesis 1 or Genesis 2
- Picture of the first Christmas
- Crucifix
- Picture of the Resurrection
- Picture of the Ascension of Jesus into Heaven
- Picture of Pentecost

## RELIGION METHODOLOGY

- **SAY:** Just as the plant has three main parts, there are three Persons in one God. We have a special name for three Persons in one God. We say this is the Blessed Trinity or Holy Trinity. (select the term that is used in your Religion book or your parish)
- **WRITE:** “One God” on the chalkboard or chart paper.

- **SHOW** the roots of a large plant to the students.
- **SAY:** The roots hold the plant in the soil. The roots take in water and minerals which feed the rest of the plant.
- **USE** a microscope to show the students the root hairs along the root.
- **HAVE** the students draw the root and root hairs on the Science Journal Page: Parts of a Plant.
- **HAVE** the students label the root drawing with the term “roots”.
- **SHOW** the stem to the students.
- **EXPLAIN** that the stem carries water and minerals to other parts of the plant.
- **DISSECT** the stem, cutting into sections.
- **GIVE** each student or group of students a section of the stem.
- **POINT OUT** the vascular bundles that carry water.
- **HAVE** the students draw the stem and the vascular bundles on the Science Journal Page.
- **HAVE** the students label the drawing with the term “stem”.
- **EXPLAIN** that leaves make food for the plant using

- **SAY:** The Three Persons in One God have names. They are: God the Father, God the Son, and God the Holy Spirit. They are all one God. They are never separated.
- **SAY:** We cannot understand the idea of the Trinity. It is a God thing and we are humans. It is a sacred mystery. A sacred mystery is something we can study for a long, long time and never come to the end of understanding it.
- **ASK:** Will we ever understand the Trinity? (yes, when we are in heaven with God)
- **WRITE:** “God the Father” on the chalkboard or chart paper.
- **SAY:** The First Person of the Blessed Trinity is God the Father, the Creator of everything that exists.
- **ASK:** Do you remember the Story of Creation from the Bible?
- **READ** a short portion from Genesis 1 or 2.
- **WRITE:** “God the Son” on the chalkboard or chart paper.
- **SAY:** Son the God was sent by God the Father and God the Holy Spirit to save us. He became a human being like us. His name is Jesus.
- **ASK:** Do you remember the Christmas story?

sunlight, air, and water.

- **SHOW** the leaves of the plant to the students.
- **GIVE** each student or group of students a leaf.
- **POINT OUT** the veins in the leaf.
- **HAVE** the students draw a leaf with its veins on the Science Journal Page.
- **HAVE** the students label the leaf drawing with the term “leaf”.
- **POSIT:** Plants have three major parts: the roots, the stem, and the leaves. Each part helps the plant to grow and develop. Each part has a special job to do.

- **HAVE** the students tell you the Christmas story?
- **SAY:** God the Son, Jesus, lived in Nazareth with His mother, Mary and his foster-father, Joseph. When He was grown up, He went out on His mission to teach us about God the Father and God the Holy Spirit. Then He suffered and died for our sins so that we could go to heaven and be with the Blessed Trinity forever.
- **SHOW** the students the crucifix.
- **SAY:** Jesus loved us so much that he died on the cross for us.
- **WRITE:** “Crucifix” on the chalkboard or chart paper
- **SHOW** the students the Resurrection picture.
- **SAY:** Jesus loved us so much He rose from the dead for us on the first Easter.
- **WRITE:** “Resurrection” on the chalkboard or chart paper.
- **SHOW** the students the picture of the Ascension of Jesus.
- **SAY:** Jesus loved us so much that He went back to Heaven to prepare a place for us. We will live with the Blessed Trinity forever.
- **WRITE:** “Ascension” on the chalkboard or chart paper.

- **SHOW** the students the picture of Pentecost.
- **WRITE:** “Pentecost” on the chalkboard or chart paper.
- **SAY:** When Jesus went back to heaven, he promised to send God the Holy Spirit to be with us forever.
- **WRITE:** “God the Holy Spirit” on the chalkboard or chart paper.
- **SHOW** the students the picture of Pentecost.
- **SAY:** The Apostles and Mary were together in a room after Jesus ascended back into Heaven. They were still afraid that people might be after them. Then, the Holy Spirit came to them. They heard a roaring wind and tongues of fire appeared over the heads everyone in the room. They were filled with courage and became very brave. They went out that very day and began to tell people about Jesus. For about 2000 years the Holy Spirit has been with us and has helped the Church to be brave. The Holy Spirit helps the Church and us to tell about Jesus and do Jesus’ work.
- **SHOW** the students a picture of triqueta. (see right hand icon in heading)
- **SAY:** This picture is just a symbol or sign of the Blessed Trinity. No one can really draw God.
- **GIVE** a copy of the drawing to each student. Have them draw a copy of the triqueta using only one color.

- **DISPLAY** the students' Blessed Trinity pictures.
- **POSIT:** There is one God. There are Three Divine Persons in one God: God the Father, God the Son, and God the Holy Spirit. Each Person always has everything that it takes to be God. Each Person of the Blessed Trinity does certain jobs.

## SCIENCE LINKS

[www.instructorweb.com/lesson/plantparts.asp](http://www.instructorweb.com/lesson/plantparts.asp)  
**Parts of a Plant** Lesson Plan, Life Cycle, **Elementary Science** ... **parts** of a **plant** lesson plan **science plants** environment worksheet animal kid primary teaching learning students **elementary** language arts ...

[www.internet4classrooms.com/science\\_elem\\_plants.htm](http://www.internet4classrooms.com/science_elem_plants.htm)  
**Plants in the Elementary Science Classroom - Internet4Classrooms Plants Elementary Science ... Plant Parts** - Each **part** of a **plant** has a very important function; **Plant Parts** - What ...

[www.urbanext.illinois.edu/gpe/case1/c1facts2a.html](http://www.urbanext.illinois.edu/gpe/case1/c1facts2a.html) **Great Plant Escape-Plant Parts** Basic parts of most all plants are roots, stems, leaves, flowers, fruits, and seeds...and carbohydrates that the plant uses to carry out other functions...

## RELIGIOUS LINKS

[www.ehow.com/how\\_2195414\\_explain-holy-trinity-children.html](http://www.ehow.com/how_2195414_explain-holy-trinity-children.html)

[How to Explain the Holy Trinity to Children | eHow.com](http://www.ehow.com/how_2195414_explain-holy-trinity-children.html) You understand how the Holy **Trinity** works, but how do you teach **children** so that they understand that God is also a person and a spirit? Here are some tips to help make it ... This site uses a shamrock leaf, but has some good explanations.

[www.americanfiction.suite101.com/.../teaching\\_kids\\_about\\_the\\_trinity](http://www.americanfiction.suite101.com/.../teaching_kids_about_the_trinity)

[Teaching Kids about the Trinity: Help Children Understand the ...](http://www.americanfiction.suite101.com/.../teaching_kids_about_the_trinity) **Children** want to know and understand God. Their capacity for understanding is greater than adults think. Here is a hands-on method for teaching them about **the Trinity**. This site uses a three strand braid for an explanation of the Trinity.





### KEY WORDS

- PLANT
- ROOT
- STEM
- LEAF



### KEY WORDS

- TRINITY
- FATHER
- SON
- HOLY SPIRIT
- PERSONS

## KEY WORDS



PLANT

ROOT

STEM

LEAF

TRINITY

FATHER

SON

HOLY SPIRIT

PERSONS