



# Creation Lens

*Exploring the World, Discovering God*

*Grade Level: Grade 3*

*Title:*

## **Survival in an Ecosystem & Seasons in Your Church**

*Denomination: Christian*

*Lesson ID: LS-G3-10-CH*

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

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LIFE SCIENCE –GRADE THREE– CHRISTIAN  
LESSON 10: Ecosystems and Living Things and our Liturgical Year is an Spiritual Ecosystem

**GENERAL CONCEPT: How do living things survive in Ecosystems?**

**SCIENCE LESSON CONCEPT**

There are four different ways of survival: adaptation, hibernation, migration, and camouflage.

**GOAL OF SCIENCE LESSON**

Student will know the four ways of survival in an ecosystem.

**OUTCOME EXPECTED**

Student will be able to give an example of an animal which uses each survival method.

**MATERIALS NEEDED**

- Flip chart or blackboard

**RELIGION LESSON CONCEPT**

The Liturgical Year is an Ecosystem in which we can survive and prosper spiritually. If your church does not use Liturgical Colors, concentrate on times when you decorate your worship space.

**GOAL OF RELIGION LESSON**

Student will know how the liturgical year brings comfort and stability to us.

**OUTCOME EXPECTED**

Student will be able to name the seasons of the Liturgical Year and be able to describe each one.

**MATERIALS NEEDED**

- Liturgical Year Chart - wheel

- Chalk or marker
- Animal books
- Pictures of brown bear, chameleon, bird, and polar bear
- Terrarium with branches and leaves for lizard
- A live lizard or chameleon
- Science Journal Page: SURVIVAL WAYS

### SCIENCE METHODOLOGY

- **GIVE** each student the Science Journal Page: SURVIVAL WAYS and a pen or pencil.
- **WRITE** the four survival ways on the flip chart or board: ADAPTATION, HIBERNATION, MIGRATION, CAMOUFLAGE.
- **HAVE** the student copy the ways on the Science Journal Page.
- **EXPLAIN** what each word means and how animals use it to survive.
- **HAVE** the student look in Animal books for animals that could fit under each category.

- Photographs of the church in different seasons
- Art Supplies
- Paper
- Construction paper: violet, purple, rose, green, white, red

### RELIGION METHODOLOGY

- **SHOW** the pictures of the church in different seasons.
- **ASK:** Is it the same church? What is different?
- **GET** to the answer that the color is different.
- **PUT UP** the different color construction paper on the board.
- **EXPLAIN** that each color represents a season or part of a season in the Church's Year.

**VIOLET = Advent – Show it on the Liturgical Year Chart.**

**WHITE = Christmas – Show it on Lit. Year Chart**

- **DISCUSS** the animals under each heading.
- **BRING OUT** the terrarium.
- **ASK:** Why is this a good ecosystem for alizard or a chameleon? (Provides everything the creature will need to survive.)
- **ASK:** Is there anything we need to add to make it better? (Heat,rocks, lizard.)
- **ADD** the lizard and get volunteers to take care of the terrarium.
- **POSIT:** A balanced Ecosystem allows a creature to survive in a good manner.

**PURPLE = Lent – Show it on the Chart**

**GREEN = Ordinary Time**

**RED = Pentecost**

**ROSE = divide the piece in half. Put the rose by the violet of Advent and the Purple of Lent. Explain the half way through each season we have a rejoice Sunday.**

- **HAVE** the student draw the altar area of church in the current liturgical season.
- **DISPLAY** the drawings under a sign with the name of the correct Liturgical Season.
- **POSIT:** The Liturgical Year is a balanced ecosystem for us to work, grow, rest spiritually.

## **RESOURCES, LINKS, AND COMPUTER LESSONS**

### **Science Links**

(Student) Gives definitions and explains terms; activities, coloring, crafts, home school lesson plans

[http://www.learninghaven.com/science/articles/animals\\_and\\_adaptation.htm](http://www.learninghaven.com/science/articles/animals_and_adaptation.htm)

(Student) Exploring Ecosystems

[http://www.harcourtschool.com/activity/exploring\\_ecosystems/index/html](http://www.harcourtschool.com/activity/exploring_ecosystems/index/html)

(Teacher) Gives lessons, resources, assessments, activities and more

[www.rockingham.k12.va.us/resources/elementary/3science.htm](http://www.rockingham.k12.va.us/resources/elementary/3science.htm)

(Student) Lesson 1: Ecosystems. A community and its interaction with.. Activities based on the EcosystemLesson Plan.

[www.kidsfortigers.org/teachers](http://www.kidsfortigers.org/teachers)

### **Religious Links**

(Teacher and Student) Explains the colors of the seasons of the Liturgical Year

[http://cyberfaith.com/liturgical\\_year.cfm](http://cyberfaith.com/liturgical_year.cfm)

### **Computer Lesson**

(Teacher and Student) Gives lessons on the Smartboard, Power Point, Kidspiration, lesson plans, resources, assessment, and more

<http://www.rockingham.k12.va.us>

**KEY WORDS**  
**LIFE SCIENCE – GRADE THREE - LESSON 10 - CH**



**LIVING THINGS**  
**SURVIVAL**  
**ADAPTATION**  
**HIBERNATION**  
**MIGRATION**  
**CAMOUFLAGE**  
**TERRARIUM**  
**LIZARD**



**LITURGICAL YEAR**  
**ECOSYSTEM**  
**WORSHIP SPACE**

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