



# Creation Lens

*Exploring the World, Discovering God*

*Grade Level: Grade 3*

*Title:*

## **Conserving Electricity & Living Simply**

*Denomination: Catholic*

*Lesson ID: ES-G3-07-CA*

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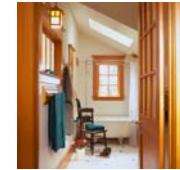
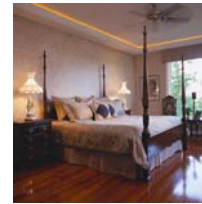
ITEST web site: [www.faithscience.org](http://www.faithscience.org)

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

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## EARTH SCIENCE MODULE – GRADE THREE - CATHOLIC LESSON 7: Conserving Electricity Usage and Living Simply

**GENERAL CONCEPT:** Conserving the use of electricity and Living simply so that others may live.

### SCIENCE LESSON CONCEPT

We can restrict our wasteful use of electricity and save our resources.

### GOAL OF SCIENCE LESSON

- Student will conduct an energy audit at home.
- Student will recognize the need to conserve.

### OUTCOME EXPECTED

Student will learn how to recycle and develop the habit of recycling.

### MATERIALS NEEDED

- Science Journal Page: Electricity Audit
- Pen/pencil

### RELIGION LESSON CONCEPT

We can live simply so that others may live.  
If I waste what I have, am I robbing from the poor?

### GOAL OF RELIGION LESSON

- Student will realize that sharing with the poor is required by Christian teaching and practices

### OUTCOME EXPECTED

Student will be able to list 5 ways to be good stewards of creation.

### MATERIALS NEEDED

- Pictures of poor areas of the world including the USA.
- Cardboard signs: USE IT UP, RECYCLE IT, and

## SCIENCE METHODOLOGY

- **GIVE** each student the Science Journal Page: Electricity Audit.
- **EXPLAIN** to student what an audit is – a close look at how things are used.
- **HAVE** them write: KITCHEN, LIVING ROOM, FAMILY ROOM, BEDROOM, and BATHROOM across the top of their Science Journal Page.
- **ASK** them to list everything in those rooms that runs on electricity in each room.
- **HAVE** them put a + sign for anything that needs to stay on all the time (refrigerator, clock, etc.)
- **HAVE** them put a – sign for any thing that should be shut off when not in use.
- **HAVE** them pick one room and monitor the room for a specific period of time.
- **HAVE** each student write an energy report to send home for their family.
- **DISCUSS** the energy usage in the families with the class.
- **POSIT:** We can use less electricity in our homes by just being alert and careful.

TURN IT OFF.

## RELIGION METHODOLOGY

- **ASK:** What does it mean that Jesus lived simply?
- **TELL** them that God put people in charge of the earth. We need to take good care of it.
- **ASK:** Are there some things we can share with others who are poor? (clothing, food, furniture, toys, money)
- **ASK:** How many pairs of shoes do you have?
- **ASK:** How many shirts and pants do you have?
- **ASK:** How much food do you throw away each day?
- **ASK:** How many toys do you have?
- **ASK:** How many books do you have?
- **ASK:** Do you actually use all of these things every week?
- **ASK:** How can you do better? What can you do to live more simply?
- **ENCOURAGE** the student to contribute food, clothing, toys, books, etc. with their family over the weekend to any worthwhile charity.
- **ON MONDAY, ASK:** How did you manage to live more simply?

## RESOURCES, LINKS AND COMPUTER LESSONS.

### **Science Links**

(Student) Energy kids - recycling.

<http://www.energyconnect.com/cgi-bin/EIA-KidsSearch/search.pl?Terms=recycling&search.x=8&search.y=12>

(Teacher) Twenty things you can do to conserve energy

[http://www.powerscorecard.org/reduce\\_energy.cfm](http://www.powerscorecard.org/reduce_energy.cfm)

(Student) Recycling game

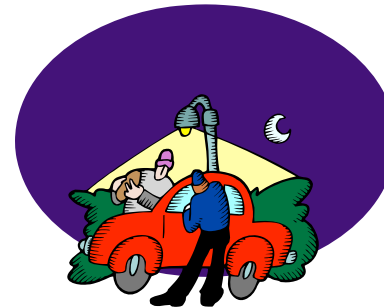
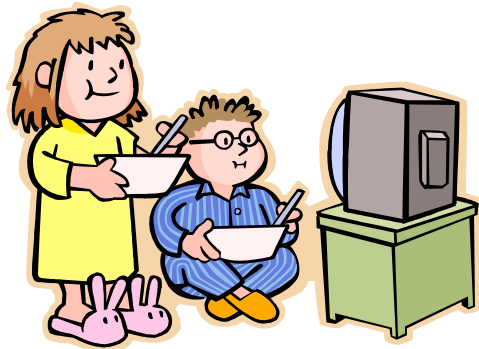
<http://www.eia.doe.gov>

### **Religious Links**

(Teacher) Being a good steward

<http://www.keeparkansasbeautiful.com/educating>

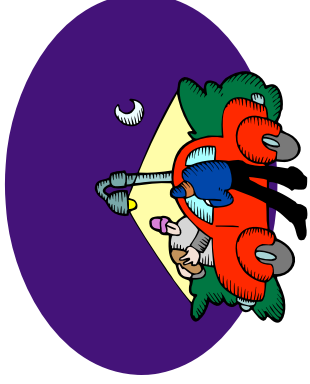
**KEY WORDS**  
**EARTH SCIENCE – GRADE THREE- LESSON 7 - CA**



**ELECTRICITY**  
**WASTE**  
**RESOURCES**  
**CONSERVE**  
**RECYCLE**  
**AUDIT**  
**OBSERVE**  
**RECORD**  
**ENERGY USAGE**

**LIVE SIMPLY**  
**CARE FOR POOR**  
**POOR COUNTRIES**  
**USE IT UP**  
**RECYCLE IT**  
**TURN IT OFF**  
**SHARE**  
**CHARITY**

**KEY WORDS**  
**EARTH SCIENCE – GRADE THREE- LESSON 7 - CA**



**ELECTRICITY**

**LIVE SIMPLY**

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