



Grade Level: Grade 3

Title:

Conserving Electricity & Living Simply

Denomination: Christian

Lesson ID: ES-G3-07-CH

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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 - CHRISTIAN 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

(Student) Recycling game

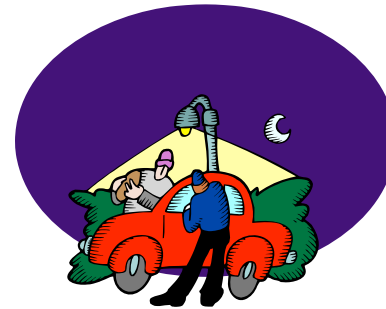
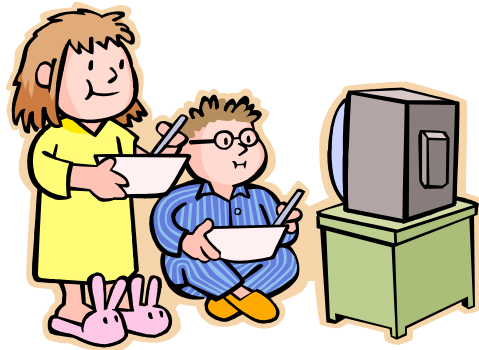
<http://www.eia.doe.gov>

Religious Links

(Teacher) Being a good steward

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

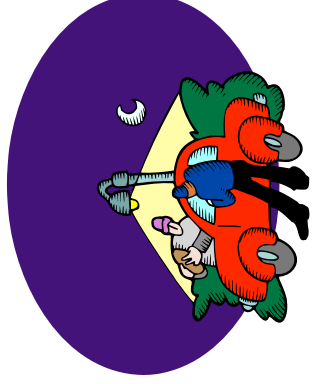
KEY WORDS
EARTH SCIENCE – GRADE THREE- LESSON 7 - CH



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

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