



Grade Level: **Grade 1**

Title:

Sun is Source of Heat and Light & Jesus is Our Source of Life

Denomination: **Christian**

Lesson ID: **PS-G1-05-CH**

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

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PHYSICAL SCIENCE MODULE – FIRST GRADE – CHRISTIAN

LESSON 5: The Sun: Source of Heat and Light and the SON source of our Heat and Light.

GENERAL CONCEPT: The Sun is the source of heat and light for the earth and Jesus is the Son who gives us Life and Light.

SCIENCE LESSON CONCEPT

The sun supplies heat and light to the earth.

GOAL OF SCIENCE LESSON

- 1) Student will know the three states of matter.
- 2) Student will know that an object must be acted upon in order to change.

OUTCOME EXPECTED

- 1) Student can describe the three states of matter.
- 2) Student will be able to explain how matter can change states.
- 3) Student will know that heat and light are forms of energy.

RELIGION LESSON CONCEPT

Jesus is the source of our heat and light.

GOAL OF RELIGION LESSON

- 1) Student will know that Jesus gives us the energy to follow Him.
- 3) Student will know that Easter is the feast of Jesus' rising to New Life.

OUTCOME EXPECTED

Student will know the Resurrection story and why we celebrate Easter.

MATERIALS NEEDED

- 2 cups of soil
- 2 empty cups
- 4 thermometers
- Sunny area
- Dark area
- 2 pieces of colored paper
- Science Journal Page: SUN: HEAT SOURCE
- Pencils
-

SCIENCE METHODOLOGY

- **HAVE** the students place their hands in the sunshine
- **ASK:** What do your hands feel? Why?
- **DISCUSS** how the sun gives heat and light to the earth.
- **EXPERIMENT:** Read the first thermometer and place it in an empty cup in the sunlight.
- **HAVE** the students draw the cup and thermometer in

MATERIALS NEEDED

- New Testament – Easter Story
- Shoe boxes for diorama of nature around the sun
- Paper for nature items and sun
- Glue
- Crayons and markers
- Scissors
- Nature items from nature walk: leaf, pinecone, grass, seeds, stones
- Plastic bag for each student for nature items
- Materials to make a banner – paper or cloth

RELIGION METHODOLOGY

- **TAKE** a nature walk and gather nature items. If it is too cold or wet, make a pretend nature walk and put nature items along the way for the student to “find”.
- **GIVE** each student a plastic bag and set clear limits where they can go and the group they must stay with.
- **COME BACK INSIDE** and put the nature bags on the desks.
- **GATHER** the student around you and read the Easter

the empty cup and write the temperature.

- **PLACE** the 2nd thermometer in a cup of soil. Wait three minutes and then read it. Place the cup of soil in the sun.
- **HAVE** the student draw and record the temperature of the 2nd thermometer in the cup of soil
- **PLACE** the 3rd thermometer in an empty cup in the shade. Wait three minutes then read the temperature.
- **HAVE** the students draw the 3rd cup and thermometer in the shade.
- **PLACE** the 4th thermometer in a cup of soil and wait three minutes. Read the Temperature. Place the cup of soil in the shade.
- **HAVE** the student draw the 4th thermometer in a cup of soil in the shade.
- **WAIT** 20 minutes.
- **CHECK** each thermometer and have the student record the new temperature.
- **ASK:** What did our experiment show? (Sun light will heat up an empty cup and even a soil filled cup faster than the shade will. Being in direct sunlight heats up faster than being in the shade.
- **POSIT** – See right above.

Story.

- **DISCUSS** the resurrection of Jesus – bringing new life.
- **EXPLAIN** how to do the diorama. Put the sun in the middle and arrange your nature walk items. Glue everything to the box.
- **DECORATE** the outside of the box
- **MAKE** a display and have the students make a banner for a title.
- **POSIT:** Jesus' brings us New Life and gives us energy to follow him.

RSOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Student)

http://www.bbc.co.uk/schools/scienceclips/ages/5_6/light_dark.shtml

(Student) Click on “Sunrise, Sunset” Web Lesson

<http://www.beaconlearningcenter.com/WebLessons>

Religious Links

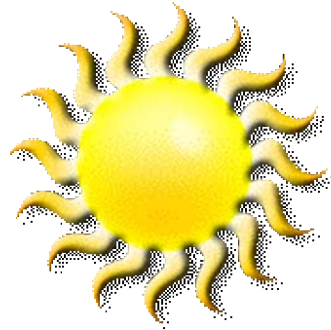
(Student) On-line coloring page

<http://christiananswers.net/kids/coloring-risen.html>

(Teacher) Links to coloring pages, crafts and prayers

<http://www.apples4theteacher.com/holidays/easter-religious/index/htm>

KEY WORDS
PHYSICAL SCIENCE – LESSON 5 – GRADE ONE - CH

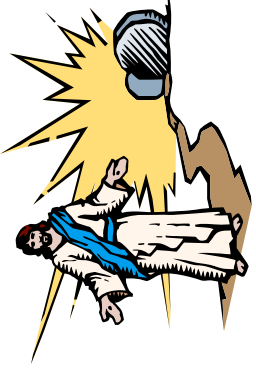
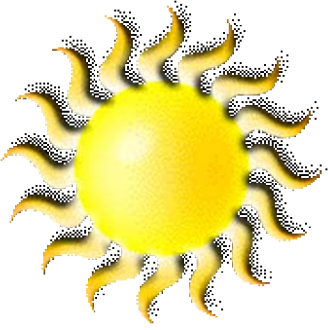


SUN
MATTER
HEAT
STATES OF MATTER
LIQUID
GAS
SOLID
CHANGE



EASTER
POWER
ENERGY
HOLY
NEW LIFE
JESUS
RESURRECTION
RISING

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