



Grade Level: **Grade 1**

Title:

Sources of Light & Jesus is Our Light

Denomination: **Christian**

Lesson ID: **PS-G1-07-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 7 - The Sources of Light and Jesus is Our Light.

GENERAL CONCEPT: The Sources of Light and Jesus is Our Light.

SCIENCE LESSON CONCEPT

1. The sun supplies light to the earth.
2. Other man-made inventions supply light.

GOAL OF SCIENCE LESSON

Student will be able to identify the properties of light.

OUTCOME EXPECTED

1. The student will be able to observe and record that light can form shadows.
2. The student will be able to identify various light sources.

RELIGION LESSON CONCEPT

1. Jesus is our light to show us the way to live to heal the world.
2. Jesus asks that we help His Light to shine through us so others can find their way.

GOAL OF RELIGION LESSON

Student will identify the time before Christmas as a time of spiritual preparation for the coming of Jesus

OUTCOME EXPECTED

Student will realize that before Christmas we prepare to welcome Jesus, our Light.

MATERIALS NEEDED

- Science Journal Page: LIGHT
- Pencil
- Tall Object
- Lamp or Flashlight

SCIENCE METHODOLOGY

- **GIVE** each student the Science Journal Page: LIGHT
- **LOOK** at pictures in the textbook.
- **ASK:** Are there any shadows in the pictures? Why are there shadows? (Sun or light source shines on an object)
- **EXPERIMENT:** Have the student predict which the way the shadow will fall from three different positions.
- **SHINE** the lamp or flashlight on the object from the

MATERIALS NEEDED

Note: Multiply quantities if families are invited to session.

- Copies of 2 prophecies about Jesus
- Paper shaped like a candle - one per student.
- Stick-on magnets

RELIGION METHODOLOGY

- **INTRODUCE** first prophecy about Jesus.
- **ASK:** What does the prophet tell us about Jesus?
- **HAVE** the student write a word or two about the prophecy on _ of the paper candle.
- **INTRODUCE** the 2nd prophecy about Jesus.
- **ASK:** What does this prophecy tell us about Jesus?
- **HAVE** the student write a word or two about the prophecy on the bottom _ of the paper candle.
- **ASK:** What can you do to bring Jesus the Savior to others during this time before Christmas?
- **HAVE** the student write what he/she will do on the back of the candle.
- **STICK ON** a magnet to the back of the candle.

Right. Where did the shadow fall? Record.

- **SHINE** the light from the left. Where did the shadow fall? Record.
- **SHINE** the light from the top. Where did the shadow fall? Record.
- **COMPARE** predictions with results.
- **RECORD** your successful or unsuccessful prediction with a smiley or sad face.
- **POSIT:** Light shining on an object will produce a shadow.

- **HAVE** the student place the candle magnet on the refrigerator at home as a reminder of the coming of Jesus at Christmas.
- **POSIT:** Jesus is coming at Christmas and brings His light to the world.

RESOURCES, LINKS AND COMPUTER LESSONS.

Science Links

(Student with some teacher guidance) On-line activity showing the relationship of the earth, sun, and the moon.

http://www.bbc.co.uk/schools/ks2bitesize/science/earth_sun_moon.shtml

(Student) On-line activity explaining light and dark

http://www.bbc.co.uk/schools/ks2bitesize/science/light_dark.shtml

(Student) on-line book about the rotating earth.

<http://beaconlearnincenter.com/WebLessons>

Click on As the World Turns

(Student) on-line coloring activity

http://www.windows.ucar.edu/tour/link=/coloring_book/java_cb/cb_sun.html

Religious Links

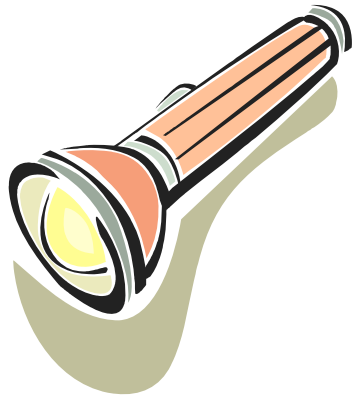
(Student) – The colorful and interactive Christmas story for Children.

<http://bibleforchildren.org/PDFs/english/The%20Birth%20of%20Jesus%20English.pdf>

(Teacher) Crafts, games and songs about the Nativity of Jesus

<http://biblekidsfunzone.com/Nativity.html>

KEY WORDS
PHYSICAL SCIENCE – LESSON 7 – GRADE ONE - CH



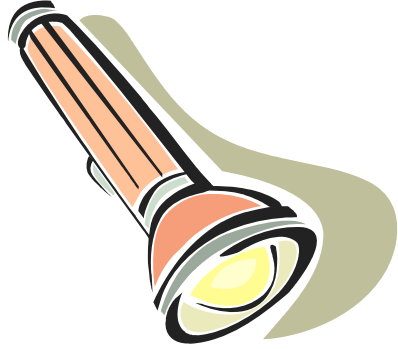
SUN
SUPPLIES
MAN-MADE
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