



*Grade Level: Grade 1*

*Title:*

## **Sources of Light & Jesus is Our Light**

*Denomination: Catholic*

*Lesson ID: PS-G1-07-CA*

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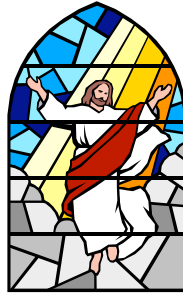
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***Note: Web sites referenced in this lesson were valid at time of publication.***

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## PHYSICAL SCIENCE MODULE – FIRST GRADE – CATHOLIC 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 Advent as a time of preparation.

### OUTCOME EXPECTED

Student will realize that during Advent 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.**

- 3 Purple candles
- 1 rose candle
- Greenery to make a wreath
- Advent Wreath Ring
- Copies of the 4 Advent Gospels
- Paper shaped like a candle - one per student.
- Stick-on magnets

## RELIGION METHODOLOGY

- **INTRODUCE** the Advent wreath ring: no beginning, no end.
- **INTRODUCE** the greenery: eternal life.
- **INTRODUCE** the first purple candle: Week One.
- **READ** a child's version of a portion of the Gospel for Week One Advent.
- **INTRODUCE** the second purple candle: Week Two Advent.

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.

- **READ** a portion of a child's version of the Gospel Week Two Advent.
- **INTRODUCE** the rose candle: REJOICE SUNDAY. We are half way to Christmas. Week Three – Advent
- **READ** a portion of a child's version of the Gospel for Week Three Advent.
- **INTRODUCE** the third purple candle: Week Four Advent.
- **READ** a portion of a child's version of the Gospel for Week Four Advent.
- **ASK:** Why do we use candles to count the Sundays to Christmas? (Jesus is the Light of the World)
- **ASK:** How can we bring light for the world this Advent? Record Answers/
- **ASK:** What one thing are you going to do to help others during Advent>
- **GIVE** each student a candle shaped paper.
- **HAVE** each student write their Advent Resolution on the candle shaped paper.
- **STICK** a magnet on the back of the candle shape.
- **HAVE** the student take it home and put it where they will be reminded during Advent.

- **POSIT:** Advent is a time to prepare for the coming of Jesus our Light.

## 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/earth\\_sun\\_moon.shtml](http://www.bbc.co.uk/schools/ks2bitesize/earth_sun_moon.shtml)

(Student) On-line activity explaining light and dark

[http://www.bbc.co.uk/schools/ks2bitesize/science/light\\_dark.shtml](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\\_sun.html](http://www.windows.ucar.edu/tour/link=/coloring_book/java_cb_sun.html)

### Religious Links

(Teacher) Review of Advent books

[http://www.catholicmom.com/advent\\_adult.htm](http://www.catholicmom.com/advent_adult.htm)

(Teacher) Activities for Advent

[http://www.catholicmom.com/advent\\_kids.htm](http://www.catholicmom.com/advent_kids.htm)

(Teacher) Advent Activities

[http://catholicism.about.com/od/advebtactivities/Advent\\_Activities.htm](http://catholicism.about.com/od/advebtactivities/Advent_Activities.htm)

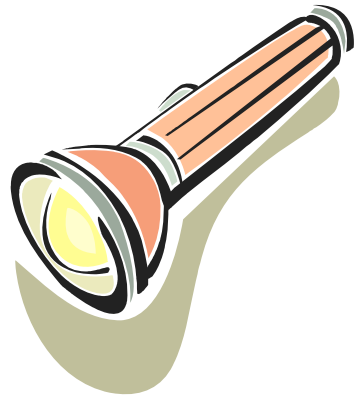
(Teacher) Advent information

<http://teachingmom.com/features/advent.html>

(Student) My Friend Magazine Source

<http://www.myfriendmaazine.com/games/printablegames.html>

**KEY WORDS**  
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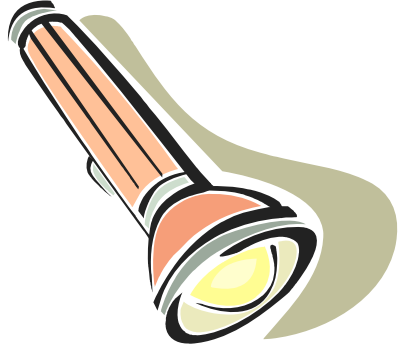


**SUN**  
**SUPPLIES**  
**MAN-MADE**  
**LIGHT**  
**SOURCES OF LIGHT**



**SON**  
**HEAL**  
**ADVENT**  
**WELCOME**  
**ADVENT WREATH**

**KEY WORDS**  
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