

# LIGHTen Up!



**Post-Visit Activities**  
**Grades 3-5**



## Activity 1: Light the Way

\*\* You will need either a ball or a beanbag for this activity

This activity will help summarize all of the information they have gathered from the visit and in class activities. Have students stand up and participate in a game around the room; make sure that each student is at least an arm's length away from each other. Make sure all students get a chance to participate. The basic rules of the game are:

1. Begin by asking a question such as "Name a source of light"
2. Pass the ball/beanbag to a student, if they catch it, they must give an answer
3. The student will then pass the ball/beanbag to a student of their choice, and they too must give an answer
4. If someone misses a catch or repeats an answer, then they are out of the game and the ball/beanbag is given to the person closest to them
5. After 10 passes (adjust according to the size of your class or number of players remaining), change the question and continue play
6. When there are a small number of students remaining in the game (around 3 or 4), give them one final question
7. Declare a winner(s) and give them a prize of your choosing

Explain the rules to the students and begin play. You can ask questions such as: "Where does light come from?", "Name a transparent, translucent/opaque object", etc.

## Activity 2: Leaving the Light On

\*\* This activity can be assigned for in class or for homework. If in class, make sure that there are enough flashlights for students to work individually or in groups of 3-5.

Review with the students what *transparent*, *translucent*, and *opaque* mean. Continue by saying that these words apply to objects all around us. Ask the students “Can anyone name some transparent/translucent/opaque objects in the room?” Accept all answers and tell the students that they can do this by taking a flashlight and shining a light through the object to see if the light is visible on the other side. Next, have the students find at least 3 examples of each on their own, add that some objects may be easier to find than others!

## Resources

<http://library.thinkquest.org/28160/english/index.html>

<http://www.rockingham.k12.va.us/resources/elementary/5science.htm#3sol>

<http://step.nn.k12.va.us/elemscience/PPT/light.ppt>

<http://www.rockingham.k12.va.us/resources/elementary/5science.htm#3sol>

[http://www.augusta.k12.va.us/66877372584019/lib/66877372584019/\\_files/SOL\\_5.3\\_Light.doc](http://www.augusta.k12.va.us/66877372584019/lib/66877372584019/_files/SOL_5.3_Light.doc)