

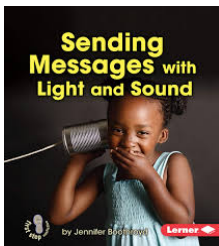
Unit 4: Communicating with Sound and Light  
**Week 4: What is light?**

Dear Families,

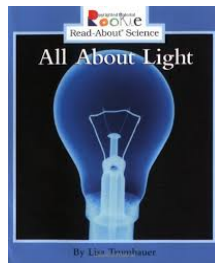
This week we are shifting our focus to learn about light.

Here are some activities to do with your child this week. When you do an activity, check the box. You don't have to do every activity and you can do any of them more than once. Remember to make time for reading, too! Please help your child return this Family Links to school at the end of the week. We hope you enjoy learning with your child!

*This week we are reading...*



***Sending Messages with Light and Sound***  
 by Jennifer Boothroyd



***All About Light***  
 by Lisa Trumbaur



***Oscar and the Moth***  
 by Geoff Waring

More informational text, and a story that also gives information! These books are all about light. Go to the library or look on your bookshelf at home to learn about light. Your child is practicing reading the poem "Golden Sun" (attached). Read it together!

<b>Reading Log</b> Your child can read to you, and you can read to your child. <i>It's always a good idea to read a book many times. We can find something new in a book each time we read the words or look at the illustrations.</i>	
Title and Author	What do you think?



<p><b>Go outside</b> <input type="checkbox"/></p> <p>Go outside and see if you can find any shadows. What makes them? How are they made? Can you make shadows with your body? What do you notice about all the shadows you see?</p>	<p><b>Talk about...</b> <input type="checkbox"/></p> <p>... how you feel on a bright, sunny day, and how you feel when it's dark out.</p>	
<p><b>Tell a story</b> <input type="checkbox"/></p> <p>Tell a story in which light is important in some way. Does the story happen in the darkness, so no light is a problem? Does it happen on a sunny day? Why is that bright light important?</p>	<p><b>Read together!</b></p> <p>at least 20 minutes every day</p> <p>Record your reading on the back of this page.</p>	<p><b>Play with math ideas</b> <input type="checkbox"/></p> <p>Counting steps around my home: I walked 20 steps to the kitchen, 40 steps down the stairs, and 30 steps to the front door. How many steps did I walk all together?</p>
<p><b>Explore science and engineering</b> <input type="checkbox"/></p> <p>Play with a flashlight! What can you find out? Try to use some of our Weekly Words to describe what you do and what you discover.</p>	<p><b>Play with words; grow a reader</b> <input type="checkbox"/></p> <p>Our Weekly Words are <b>beam, shadow, location, source, block, and determine.</b></p> <p>What do these words mean?</p>	

Child's name \_\_\_\_\_ Adult's name \_\_\_\_\_

# Vocabulary



beam

<http://willowtreedanceandtheatrearts.com/news-2/dancer-spotlight/>

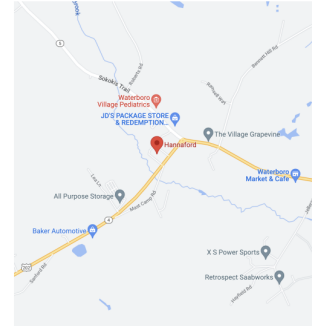
a ray of light



shadow

<https://www.flickr.com/photos/javicalvo/10396384086>

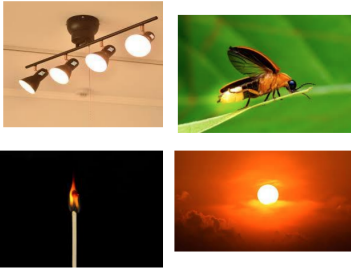
the dark area that is produced when an object comes between a light source and a surface



location

Google maps

place



source

<https://global.rakuten.com/en/store/dotsnext/item/dn918/>, <https://www.mnn.com/earth-matters/animals/stories/why-do-fireflies-glow>, <https://www.bbc.co.uk/programmes/b048n8fb>, <https://tme.com/5373180/fire-challenge/>

a place, person, or thing from which light or sound comes



block

<https://ikeepcavern.com/how-to-block-light-leaking-from-the-top-and-sides-of-your-curtains/>

to get in the way, to prevent something from moving or getting through



determine

<https://www.stockfreeimages.com/5477794/Small-flag-flapping-on-wind.html>

to discover or confirm something, usually with research



Teachers Need:

- This week's Family Link (front and back)
- Vocabulary Sheet
- "Golden Sun"

## **Golden Sun**

By Elenor Hetrick

Great, glorious golden sun,  
Shine down on me today!  
You are the life of this magic Earth,  
You and your magic ray!

You are the life of bird and plant,  
All must depend on you.  
Shine down, great sun, the whole day long!  
Shine from the heavens blue.

And I will welcome your golden rays,  
For you mean life to me,  
And you mean happiness and health,  
Strength and energy.

Shine down, great sun, on flower and field,  
And never say goodbye.  
Forever and ever give us your light.  
From out the wide, blue sky.