



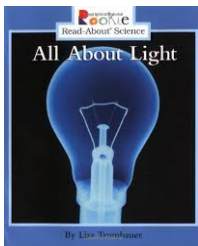
Unit 4: Communicating with Sound and Light
Week 5: How does light change?

Dear Families,

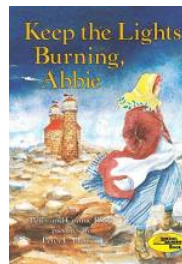
This week we are continuing to learn about light, and about how light can change.

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...



All About Light
 by Lisa Trumbaur



Keep the Lights Burning, Abbie
 by Peter and Connie Roop

Keep the Lights Burning, Abbie tells the true story of a girl who helps her father keep a lighthouse going and keeps ships safe at sea. Go to the library or look on your bookshelf at home to find books with stories about light. Your child is practicing reading the poem "Shadow Race" (attached). Read it together!

<p style="text-align: center;">Reading Log</p> <p style="text-align: center;">Your child can read to you, and you can read to your child.</p> <p style="text-align: center;"><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></p>	
Title and Author	What do you think?



<p>Go outside <input type="checkbox"/></p> <p>Go outside and look around the place where you live to see if you can find any shiny surfaces. Stand right in front of a shiny surface. What do you see? Now stand to the side of it. What do you see? Can you find a curved, shiny surface? Now how do you look?</p>	<p>Talk about... <input type="checkbox"/></p> <p>... how you use light in the place you live and in other places you go. When do you turn lights on and off, and why?</p>	
<p>Tell a story <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>Read together!</p> <p>at least 20 minutes every day</p> <p>Record your reading on the back of this page.</p>	<p>Play with math ideas <input type="checkbox"/></p> <p>Ask somebody you know to give you two numbers from 30 to 99. Explain which number is greater and why. Use what you know about how many ones and how many tens each number has. Then you give two numbers, and they explain it!</p>
<p>Explore science and engineering <input type="checkbox"/></p> <p>Play with a flashlight and a mirror. What can you find out about reflection? What tricks can you play with the light beam?</p>	<p>Play with words; grow a reader <input type="checkbox"/></p> <p>Our Weekly Words are radiant, electricity, direction, redirect, reverse, and reflection.</p> <p>Can you use these words to describe how light can change?</p>	

Child's name _____ Adult's name _____

Vocabulary



radiant

<https://violetflamefamily.blogspot.com/2017/01/message-from-archangel-michael-and.html>

shining brightly



electricity

<https://pmspressrelease.com/the-global-market-for-mobile-charger-to-reach-30-0-billion-by-2025/>

a form of energy that makes things move and work



direction

https://www.frommers.com/blogs/passportable/blog_posts/boston-s-logan-airport-might-charge-you-to-drop-off-and-pick-up-passengers

position in which a person or something moves or faces



redirect

Photo credit Ana Vaisenstein

to change the direction of something



reverse

<https://www.cio.com/article/3267066/why-steve-jobs-is-the-reverse-case-study-for-it-leadership.htm>

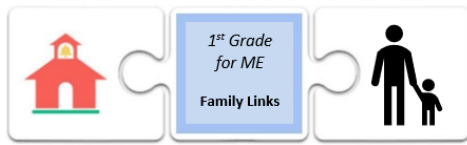
to move into the opposite position or direction



reflection

Photo credit Ana Vaisenstein

effect of light (or sound or heat) bouncing off an object



Teachers Need:

- This week's Family Link (front and back)
- Vocabulary Sheet
- "Shadow Race"

Shadow Race

By Shel Silverstein

Every time I've raced my shadow
When the sun was at my back,
It always ran ahead of me,
Always got the best of me.
But every time I've raced my shadow
When my face was toward the sun,
I won.