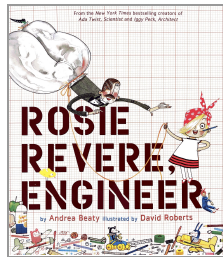


Unit 4: Communicating with Sound and Light
Week 6: How do people use light?

Dear Families,

This week we are learning about how people use light. We are also learning about inventors! 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...



***Rosie Revere,
Engineer***
by Andrea Beaty

People use light to invent tools that make our lives better. Go to the library or look on your bookshelf at home to find books about inventors. Your child is practicing reading the poem "The Lighthouse" (attached). Read it together!

Reading Log	
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>Go outside <input type="checkbox"/></p> <p>Go outside and see if you can find 10 different ways that you see light being used. Make a list.</p> <p>Is light used in the same ways indoors?</p>	<p>Talk about... <input type="checkbox"/></p> <p>... a kind of technology that you use that works with light. Why is this technology important to you? What would you do if you didn't have it? What would you use instead?</p>	
<p>Tell a story <input type="checkbox"/></p> <p>Tell a story about an inventor. What did this inventor invent, and why? And what happened when someone used this invention?</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>If you consider the age of every member of your family, how many years is that total?</p> <p>Challenge: What if you include members of your extended family?</p>
<p>Explore science and engineering <input type="checkbox"/></p> <p>Make a technology list. Look around you for tools that people have invented to make a task easier. Why did people invent these tools? Can you put these different kinds of technology into categories?</p>	<p>Play with words; grow a reader <input type="checkbox"/></p> <p>Some of our Weekly Words are transparent, opaque, translucent, and dim. These words are used to describe light.</p> <p>Use them in a sentence to describe different lights around you.</p>	

Child's name _____ Adult's name _____

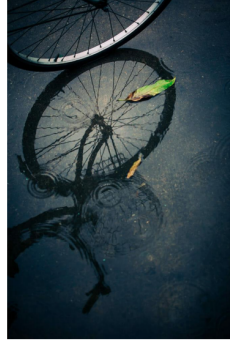
Vocabulary



warn

<https://www.youtube.com/watch?v=gCSSAzCuGvk>

to signal a possible danger



reflect

<https://www.iphotography.com/blog/reflection-photography/>

to throw back (heat, light, or sound) from an object



transparent

<http://clipart-library.com/free/tea-cup-transparent-background.html>

allowing light to pass through so objects behind can be clearly seen



opaque

<https://www.sfmoma.org/artwork/2011.208.A-B/>

not allowing light through, not able to be seen through



translucent

<https://www.pinterest.com/pin/12152688914904847/>

allowing some light through



dim

<https://www.medicalnewstoday.com/articles/320887>

(adj) not shining brightly; (v) to become or make less bright



Teachers Need:

- This week's Family Link (front and back)
- Vocabulary Sheet
- "The Lighthouse"

The Lighthouse

Modified from a poem by C.J. Heck

There's a lighthouse on an island
built on boulders in the sea.
A home to no one anymore,
but it's beautiful to me.
Ocean waves come crashing,
their salty drops send spray
Upon the still, tall lighthouse
Who's asleep during the day.
The lighthouse wakes at evening time,
Shines its light around and down,
Welcoming all the sailboats
As they come into the town.
I sit and send my wishes
way up high on seagull wings.
I know that they'll come true
on notes the kind lighthouse sings.