



Let's Find Out About It: Light is Helpful

Standard Connection:

ELA.RI.PK4.9

ELA.RI.PK4.7

S.PS.PK4.2

S.ES.PK4.2

Enduring Understanding(s):

- Shadows and reflections are products of light.
- Light comes from natural and artificial sources.

Essential Question(s):

- How does light affect the way things look?
- What are sources of light?

Materials	Vocabulary	Books
<ul style="list-style-type: none"> • <i>The Puddle Pail</i> • <i>Dreams</i> • <i>Night Shift Daddy</i> • images of nocturnal animals (see Resource) 	<p>artificial light source: streetlights, flashlights, lamps, etc.</p> <p>dark: no light</p> <p>light source: a form of energy (artificial or natural) that helps us see all the things around us</p> <p>natural light source: sun, fireflies, matches, candles, etc.</p>	
	<p>nocturnal: awake at night/ asleep during the day</p> <p>reflection: an image that you can see in a mirror, glass, or water</p> <p>shadow: the dark shape made when something blocks light</p>	

Let's Find Out About It:

Preparation: *Set up materials*

“In <i>The Puddle Pail</i> , reflections were created in water. In <i>Dreams</i> , shadows were created on the wall. What do you notice?”	Show illustrations. Children respond.
“ Shadows and reflections are created when light shines on objects. In <i>The Puddle Pail</i> , the light comes from the sun - a natural light source . In <i>Dreams</i> , the light comes from a streetlight - an artificial light source .”	
“We read <i>Night Shift Daddy</i> . What are the light sources in the story? How was the (light source) helpful to the daddy/boy?”	Show illustrations. Children respond.
“The daddy needed to see and work at night just like this nocturnal animal needs to see and work at night.”	Show images.
“ Nocturnal animals might have big eyes to see in the dark. People use tools like flashlights to see in the dark.”	
“ Nocturnal animals use moonlight to work in the dark. People use overhead lights to work at night.”	