



Let's Find Out About It: Reflections

Standard Connection:
 ELA.RI.PK4.7
 ELA.SL.PK4.2
 S.ES.PK4.2
 S.PS.PK4.4

Enduring Understanding(s):

- Shadows and reflections are products of light.

Essential Question(s):

- How does light affect the way things look?

Materials	Vocabulary	Books
<ul style="list-style-type: none"> • <i>Raccoon on His Own</i> • mirrors • reflective materials (Mylar, tin foil, etc.) • flashlight 	<p>image: a picture</p> <p>Mylar: shiny, foil-like plastic</p> <p>reflection: an image that you can see in a mirror or in glass or water</p> <p>shiny: smooth, glossy surface</p> <p>surface: the outside layer of an object</p> <p>tin foil: thin, flexible sheet/used to wrap/cover food</p>	

Let's Find Out About It:	
Preparation: Set up materials	
<p>"In <i>Raccoon on His Own</i>, the raccoon looked into the water. What do you notice?"</p>	<p>Show illustrations. Children respond.</p>
<p>"He saw his reflection - an image of himself."</p>	
<p>"Here are mirrors you used when you made self-portraits. Where did you see your reflection?"</p>	<p>Show materials. Children respond.</p>
<p>"You saw your reflections on the shiny part of the mirror's surface. Reflections are created when light bounces off a shiny surface."</p>	<p>Trace over the mirror's surface.</p>
<p>"Here is material called Mylar/tin foil. What do you notice?"</p>	<p>Show materials. Children respond.</p>
<p>"The surface of Mylar/tin foil is shiny. What do you predict will happen if I shine a flashlight on the Mylar?"</p>	<p>Model. Children respond.</p>
<p>"How is the reflection in the mirror the same as or different from the reflection on the Mylar/tin foil?"</p>	<p>Children respond.</p>