



Let's Find Out About It

Reflections and Shadows

Standard Connection:

ELA.RI.PK4.9

ELA.L.PK4.1c

S.ES.PK4.2

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>Kitten's First Full Moon</i> <i>Guess Whose Shadow?</i> images of shadows and reflections (see Resource) 	<p>reflection: an image that you can see in a mirror or in glass or water</p> <p>shadow: a dark shape that is formed when an object blocks a source of light</p> <p>shiny: smooth, glossy surface</p>	

Let's Find Out About It:

Preparation: *Set up materials*

<p>"In <i>Kitten's First Full Moon</i>, the kitten saw a bowl of milk in the water. What do you notice?"</p>	<p>Show illustrations. Children respond.</p>
<p>"The moonlight shone on the water's shiny surface and made a reflection. What do you notice when the moon shone on the kitten?"</p>	<p>Show illustrations. Children respond.</p>
<p>"The moon shone on the kitten and created her reflection in the water in front of her. Behind her was her shadow."</p>	
<p>"Here are images of reflections and shadows."</p>	<p>Show images.</p>
<p>"How are reflections the same as or different from shadows?"</p>	<p>Record and summarize children's responses on chart paper.</p>