



# Let's Find Out About It: Opaque/Transparent/Translucent

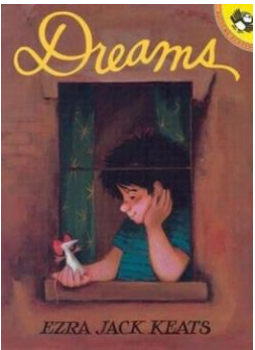
Standard Connection:  
ELA.RI.PK4.10  
ELA.L.PK4.5c  
S.ES.PK4.3  
S.ES.PK4.3a

## Enduring Understanding(s):

- Light affects people, animals, and things.

## Essential Question(s):

- How does light affect the way things look?

Materials	Vocabulary	Books
<ul style="list-style-type: none"> <li><i>Dreams</i></li> <li>opaque, transparent, translucent objects</li> <li>flashlight</li> <li>white paper or sheet for screen</li> </ul>	<p><b>opaque:</b> not letting light through</p> <p><b>predict:</b> to say what you think might happen</p> <p><b>shadow:</b> the dark shape made when something blocks light</p> <p><b>surface:</b> the outside of anything</p> <p><b>translucent:</b> letting only some light through</p> <p><b>transparent:</b> can see through</p>	

Let's Find Out About It:	
Preparation: Set up materials	
"In <i>Dreams</i> , Roberto's paper mouse fell from the windowsill. What do you notice?"	Show illustrations. <b>Children respond.</b>
"Light shone on the paper mouse and created a <b>shadow</b> ."	
"Here is a ( <b>opaque</b> object), a ( <b>transparent</b> object), and a ( <b>translucent</b> object). What do you <b>predict</b> will happen if we shine a light on them?"	Show materials. <b>Children respond.</b>
"The (object) is <b>opaque</b> - we see light on its <b>surface</b> , but we can't see through it. The (object) is <b>transparent</b> - we can see light shining through it and what's on the other side of it. The (object) is <b>translucent</b> - we can see light shining through it, but we can't see clearly what's on the other side of it."	Model.
"Here are other materials. Which do you <b>predict</b> will be <b>opaque</b> , <b>transparent</b> , and <b>translucent</b> ?"	Show materials. <b>Children respond.</b> Model.