



Let's Find Out About It: Bridges

Standard Connection:
 ELA.RI.PK4.2
 ELA.L.PK4.5
 M.MD.PK4.3
 M.G.PK4.2
 S.PS.PK4.2
 S.PS.PK4.3a
 SS.OW.PK4.2
 SS.FC.PK4.7

Enduring Understanding(s):

- People impact their environments in different ways.

Essential Question(s):

- How do people impact the environment in positive or negative ways?

Materials	Vocabulary	Books
<ul style="list-style-type: none"> • <i>Make Way for Ducklings</i> • images of bridges (see Resource) 	<p>blueprints: a picture of an engineer's plans</p> <p>engineer: a designer or builder of bridges</p> <p>(highway-, foot-, suspension-) bridge: a roadway or path that goes over water or land</p> <p>obstacle: something that is difficult to travel across</p> <p>sturdy: strong</p> <p>truss(-es): tall structures used to build bridges</p>	

Let's Find Out About It:	
Preparation: Set up materials.	
"In <i>Make Way for Ducklings</i> , Mr. and Mrs. Mallard made nests by the water. What do you notice?"	Show illustrations. Children respond.
"Their first nest was near a large highway bridge - a bridge that connects two cities. Their nest in the Boston Public Garden was near a smaller footbridge - a bridge for people to walk on. "	
"Water is an obstacle - something that is difficult or dangerous to travel across, so a bridge helps people get from one side to the other safely."	
"Here are images of other bridges . What do you notice?"	Show images. Children respond.
" Bridges are different shapes, sizes, and colors. Bridges built with strong cables connected to towers are called suspension bridges . Railroad bridges are made of tall metal structures called trusses ."	
"Here is an image of someone planning to build a bridge . What do you notice?"	Show images. Children respond.
"People who build bridges are called engineers . Engineers decide what materials are needed for a sturdy – strong - bridge . They use blueprints to plan their construction."	