



Let's Find Out About It: Life Cycle Drawings

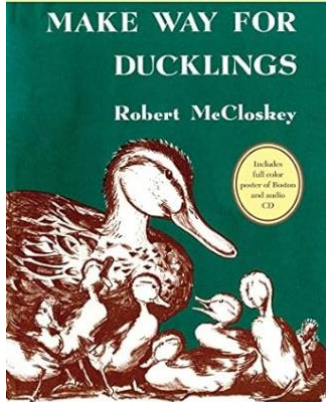
Standard Connection:
ELA.RI.PK4.1
ELA.RF.PK4.1
M.G.PK4.2
S.PS.PK4.1
S.LS.PK4.2b
SS.FC.PK4.9

Enduring Understanding(s):

- Living things need food, water, and proper conditions to survive and thrive.
- Living things grow and have life cycles.

Essential Question(s):

- What do systems need in order to function successfully?

Materials	Vocabulary	Books
<ul style="list-style-type: none"> • <i>Make Way for Ducklings</i> • image of butterfly life cycle (see Resource) • image of butterfly diagram (see Resource) 	<p>adult: a fully grown animal, plant, or person</p> <p>arrow: a line with a point at the end</p> <p>life cycle: the stages of growth for an animal or plant</p> <p>mature: to grow and become older</p>	<p>oviparous: animals that lay and hatch eggs</p> <p>progress: to move forward</p> <p>stage: each part of the life cycle</p> <p>symbol: a picture that stands for something</p> 

Let's Find Out About It:

Preparation: *Set up materials.*

<p>"In <i>Make Way for Ducklings</i>, Mr. and Mrs. Mallard looked for a place to raise their family. What do you notice?"</p>	<p>Show illustrations. Children respond.</p>
<p>"First, Mrs. Mallard laid eggs. Then, ducklings hatched from the eggs. Mr. and Mrs. Mallard will care for the ducklings until they mature - grow - into adult ducks."</p>	
<p>"Here is an image of a butterfly, another oviparous - egg-laying - animal. What do you notice?"</p>	<p>Show images. Children respond.</p>
<p>"Here is an egg, caterpillar, chrysalis, and adult butterfly. There are arrows between the images."</p>	<p>Trace along the stages of the life cycle.</p>
<p>"The arrows show how the butterfly progresses - moves - through the stages - earlier, then later times - of its life. The butterfly looks different at each stage. How are life cycles similar to or different from diagrams?"</p>	<p>Show image. Children respond.</p>
<p>"Life cycles and diagrams use drawings and symbols to depict information."</p>	