



Let's Find Out About It: Life Cycle Drawings

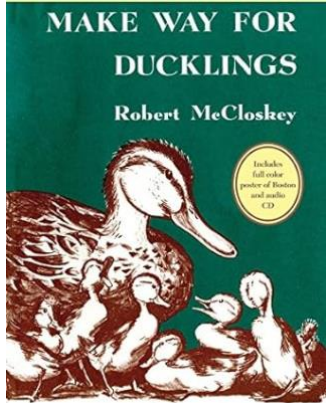
Standard Connection:
ELA.RI.PK4.1
ELA.RF.PK4.1
M.G.PK4.2
S.PS.PK4.1
S.LS.PK4.2b
SS.FC.PK4.9

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.*

"In <i>Make Way for Ducklings</i> , Mr. and Mrs. Mallard looked for a place to raise their family. What do you notice?"	Show illustrations. Children respond.
"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."	
"Here is an image of a butterfly, another oviparous - egg-laying - animal. What do you notice?"	Show images. Children respond.
"Here is an egg, caterpillar, chrysalis, and adult butterfly. There are arrows between the images."	Trace along the stages of the life cycle.
"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?"	Show image. Children respond.
" Life cycles and diagrams use drawings and symbols to depict information."	