

Insects change as they grow up. See how this insect changes.



Metamorphosis is the change of shape of an insect as it goes through stages of growth.

Number the pictures above 1 through 4 to show how the butterfly grows. Start with the egg.

A **graph** is a chart that shows and compares information.

Diego took pictures of a butterfly at each stage of its metamorphosis. Observe Diego's photos. Color one space on the graph for each copy of each photo.



Diego's Photos

How Many?

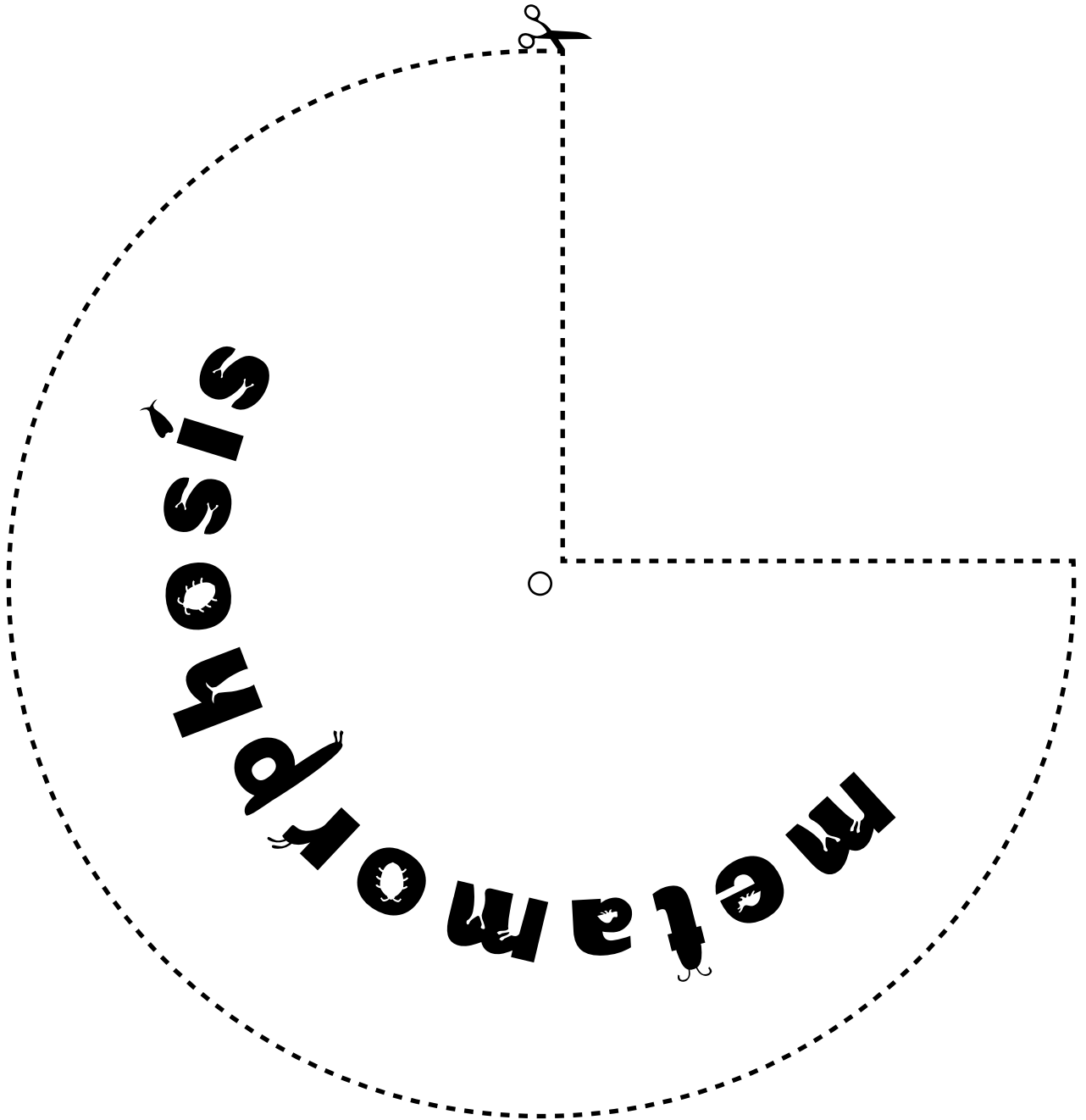


Metamorphosis Wheel, Part 1

BLM 4.4A

Cut along the dotted lines.

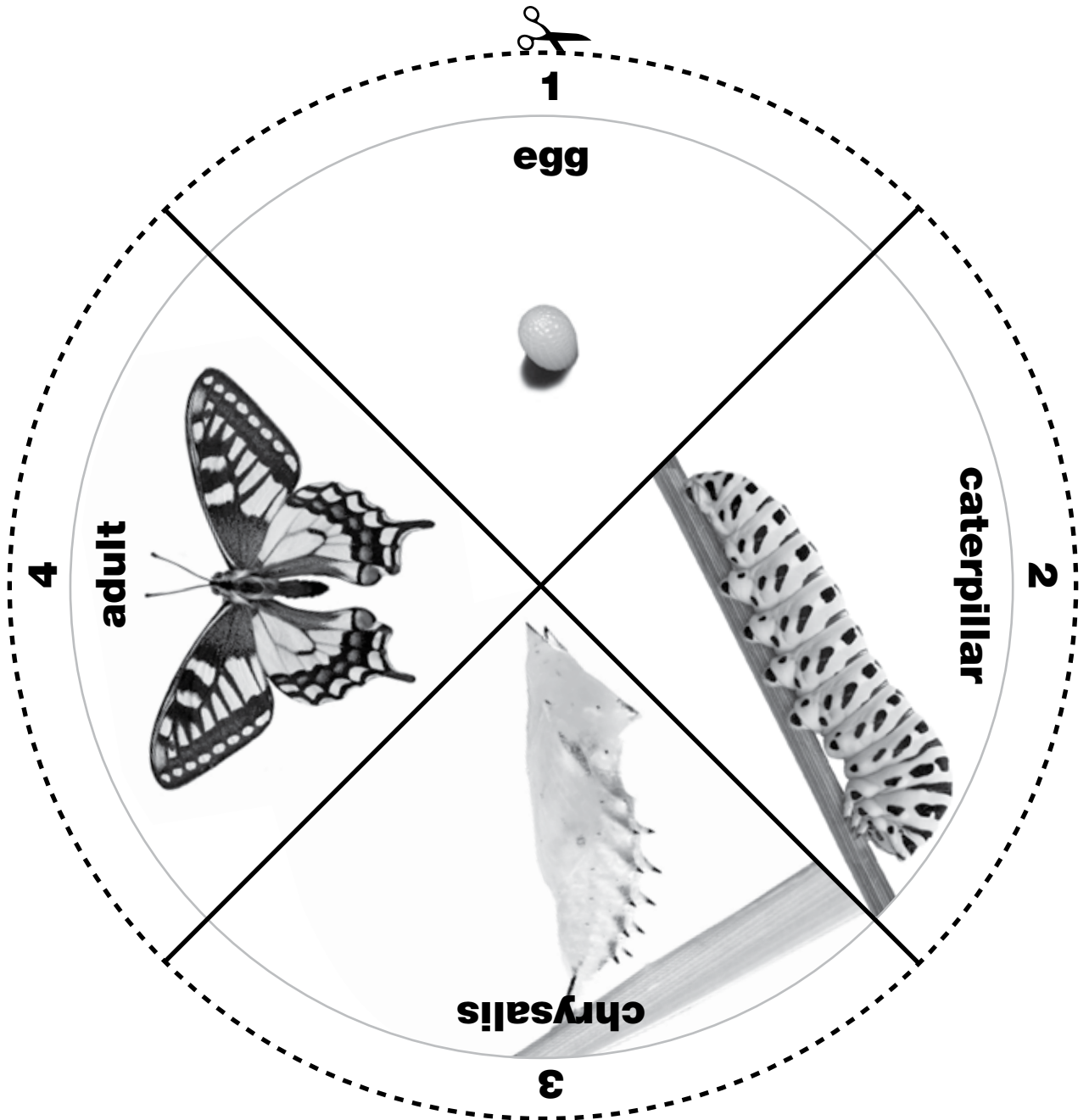
Use with **BLM 4.4B Metamorphosis Wheel, Part 2.**



Metamorphosis Wheel, Part 2

BLM 4.4B

Cut along the dotted lines. Place the circle from **BLM 4.4A Metamorphosis Wheel, Part 1** on top of this circle. Use a brass fastener to attach circles in the middle. Rotate and read the wheel.



A wheel and axle together form a simple machine. Find the wheels and axles on the cart. What task do they make easier to do?



Who uses the wheel and axle?



Draw a straight line from the wheel and axle to the task it makes easier to do.



•
•
to pedal from place to place

•
•
to carry food

•
•
to go on vacation

God made the wheels of the Egyptian chariots come off so the Israelites could escape. (Exodus 14)



Count how many wheels are on each machine. Can you see the axles?



Sciencemobile

BLM 6.2A

Color the Sciencemobile. Cut on the dashed lines. Fold on the gray lines. Tape flaps.

