

Why are pollinators so picky?

Grade 3

Adapted from Life Lab's Garden Pollinators Curriculum

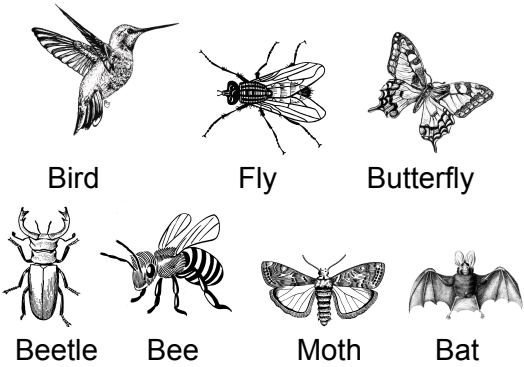
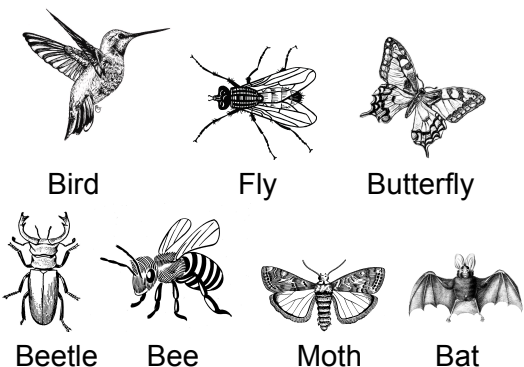
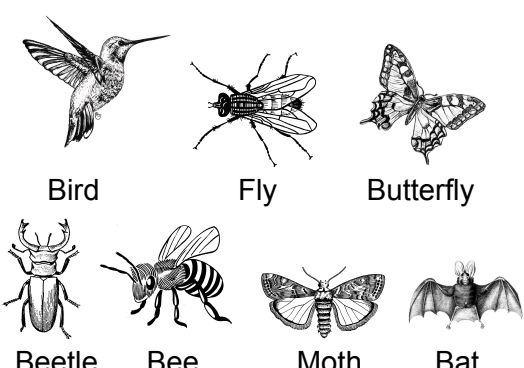
40 minutes





























Supplies needed	<ul style="list-style-type: none">● "Pollinator cards", printed and laminated, one per student● "Flower cards", printed and laminated● Worksheet, one per student● Picture of a hummingbird pollinating a tube-shaped flower● Clipboards● Whiteboard● Masking tape● Pencils● Color pencils● "Turn-in" bin● Hand lenses (optional)
Preparation (20 minutes)	<ul style="list-style-type: none">● Print and distribute laminated "pollinator cards" throughout the garden● Print "flower cards"● Whiteboard with tape circles, and tape handy● Secure worksheets to clipboards● Place colored pencil bins throughout garden
Engage (5 minutes)	<ul style="list-style-type: none">● Instruct students to find a "pollinator card" in the garden, and bring it to their seat.● After all students have their card, instruct them to read about their pollinator.
Explore (10 minutes)	<ul style="list-style-type: none">● Reveal the big question: Why are pollinators so picky?● Read flower cards aloud. Instruct students that if their pollinator likes that flower, to stand up and say "flower power"● Instruct one representative from each group to read the pollinator card aloud.● Students will tape their pollinator card next to that flower on the whiteboard.
Explain (5 minutes)	<ul style="list-style-type: none">● Repeat the big question: why are pollinators so picky?● Give think-time, and have students pair-share their answers.● Show picture of a hummingbird pollinating a tube-shaped flower● Explain that the bird's long beak is an adaptation that helps it get nectar from tube-shaped flowers● Adaptation: a structure or behavior that helps a living thing survive
Elaborate (20 minutes)	<ul style="list-style-type: none">● Explain and demonstrate how to use the worksheet● Students will find flowers in the garden, and using what they just learned, predict which pollinator(s) may pollinate that flower.● Have the whiteboard visible for students to reference while completing their worksheets.
Evaluate (5 minutes)	<ul style="list-style-type: none">● Call students back to the seating circle● Instruct students to share the favorite flower they found with a partner, and what pollinators may pollinate it.● Review adaptation definition: a structure or behavior that helps a living thing survive

Name: _____

Date: _____

Why are pollinators so picky?

Find a flower. Draw it or write its name.	Which pollinator might pollinate your flower? Circle it below.	Why? Draw or write your explanation.
	 <p>Bird Fly Butterfly</p> <p>Beetle Bee Moth Bat</p>	
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	 Bird	 Fly	 Butterfly	
	 Beetle	 Bee	 Moth	 Bat
	 Bird	 Fly	 Butterfly	
	 Beetle	 Bee	 Moth	 Bat
	 Bird	 Fly	 Butterfly	
	 Beetle	 Bee	 Moth	 Bat
	 Bird	 Fly	 Butterfly	
	 Beetle	 Bee	 Moth	 Bat

All finished? Help a classmate!