

Teacher's Guide for Click

My Garden

July/August 2015

Teacher's Guide prepared by: Lea M. Lorber Martin, B.A., English; M.Ed., Elementary Education. Lea has experience as a fourth-grade teacher and as an editor and a writer in educational publishing.

Teachers: This Teacher's Guide is designed to be readily reproducible for student use. Common Core Language Arts standards are identified for each item. Please find an Answer Key at the end of the guide.

"Click & the Kids," pages 2–6

1. **RI1** How many weeds will Amy have to pick to earn a dime? If Martin wants to earn 50 cents, how many weeds will he have to pick?
2. **RI1** What bugs are eating the tomato plants? What bugs will help the tomato plants and why?
3. **RI1** Did the ladybugs do their job? How many big, red tomatoes can you count in the "Later in the Season" picture on page 6?

"Click's Garden," pages 7–11

1. **RI1&4/L4** What is the name of the process plants use to make their own food? What three things does a plant need to make its own food?
2. **RI1&7** Draw and color the picture of the plant, soil, and sun on page 10, and label the parts of the picture as shown. Label the flower, leaf, stem, roots, and sunlight. Label water and use arrows to show the direction it goes into the roots. Using arrows, label carbon dioxide as it goes into the leaf and label oxygen as it goes out.

"Will It Grow?" pages 12–13

- **RI1&4/L4** What word means "start to grow"? What do the beans need to start growing? What do the leaves need once they start growing?

"Who Visits the Garden?" pages 14–17

1. **RI1&7** How do frogs help gardeners? What things do chipmunks mainly eat? What does a bumblebee like to drink? What animal hides during the day but might come out after it rains?
2. **RI1&7** Pretend you are a praying mantis hiding in the leaves. Use the picture on page 16 to act out a praying mantis standing still, with arms in position waiting for a bug, before catching and gobbling up its prey.
3. **RI1&7** True or false. If false, make the needed correction.

_____ Rabbits love to eat flowers and vegetables.

_____ Garter snakes mix the soil and make it healthier for growing plants.

_____ Earthworms eat mice, frogs, and insects.

_____ A tomato hornworm isn't a worm. It is a hawk moth caterpillar that eats tomato leaves.

4. **RI1&7&9** What critters on page 17 were eating Liz's tomato plants in "Click & the Kids"?
5. **RI1&7&9** What other critter on page 17 could also help Liz and her tomato plants in "Click & the Kids"?

"Yo Wants to Know," pages 18–23

1. **RL1** What kind of a plant is a cactus? Where does a cactus plant store water? How does a cactus plant protect itself?
2. **RL1&7** Choose one of the cacti in the pictures on pages 18 to 23 to draw. Be sure to draw the spines or hairs that cacti have instead of leaves. Color your drawing.

"Percy Plants," pages 24–27

- **RL1&7** What grows in Percy's garden? Draw and color your answers.

"Flowers that Fly," pages 28–34

1. **RL6** Point of view is a way to tell about how a story is written. First person point of view uses the word *I* to tell the story. First person point of view happens when someone is telling a story about himself or herself. Third person point of view uses the words *he* and *she* to tell the story. Third person point of view happens when a story is being told about what someone else is doing. What point of view does this story use? How do you know?
2. **RL1** What kinds of things do butterflies like?
3. **RL4/L4** What is *butterfly weed*? Why do you think butterflies like it?
4. **RL1&3** Name the three butterflies shown on page 32. Pick one to draw or trace. Color it and label it with its name. How do you think the buckeye butterfly got its name? What is the same and different about the other two butterflies on this page?
5. **RL1** What is the name of the plant that butterflies like, as well as people such as Simon's mom? What kind of pickle do you think is made from that plant?
6. **RL3** How are butterflies and bees alike?
7. **RL1** What words would you use to describe Simon?

ANSWER KEY

“Click & the Kids”

1. 10; 50
2. aphids; ladybugs will eat the aphids
3. yes; 21

“Click’s Garden”

1. photosynthesis; sunlight, carbon dioxide, water
2. Student drawings should have each part labeled correctly with arrows pointing in the right directions.

“Will It Grow?”

- germinate; water and warmth; light

“Who Visits the Garden?”

1. eat mosquitoes and other insects; seeds, berries, nuts, and insects; flower nectar; garden snails
2. Without using their voices, students should stand still for a few moments with arms in “praying” position before catching and eating their prey.
3. (T)
(F) Earthworms mix the soil and make it healthier for growing plants.
(F) Garter snakes eat mice, frogs, and insects.
(T)
4. aphids
5. green lacewing

“Yo Wants to Know”

1. desert plant; in its stem; prickly spines or hairs
2. Student drawings should show spines or hairs and be in color.

“Percy Plants”

- Possible responses may include colored pictures of tomatoes, pumpkins, carrots, lettuce, green beans, daisies.

“Flowers that Fly”

1. First person point of view; The story uses the word *I* to tell about what Simon, the boy telling the story, is doing. Simon is telling his cousin everything he knows about butterfly gardens.
2. Possible responses: the right flowers and leaves; trees with sticky sap; soft, squishy fruit
3. *Butterfly weed* is a plant with dark orange flowers. Possible responses: Butterflies drink nectar from it and lay their eggs on it. Butterflies do not have to go too far to get more sips of nectar because there are so many tiny flowers in the bunches of butterfly weed.
4. buckeye butterfly, tiger swallowtail butterfly, black swallowtail butterfly; Student drawings should be colored and labeled correctly; Possible response: The wings look like they have big eyes on them; Possible response: They have the same body shape. The tiger swallowtail butterfly has tiger-like stripes. The black swallowtail butterfly is black in color.
5. dill; dill pickles
6. They both drink nectar and spread pollen.
7. Responses will vary. Possible responses: smart, helpful, kind, patient