

## DESIGNING A POLLINATOR HABITAT

### AMY MOCK, M.H. MASON ELEMENTARY SCHOOL

**GRADE LEVEL AND CONTENT:** 1<sup>st</sup> grade English Language Arts (ELA), Math, and Science

### OVERVIEW

In this integrated unit, first-graders learn English language arts, math, and science standards by exploring the monarch butterfly species and the basic needs of plants. Working collaboratively, students conduct research to understand the causes behind the dwindling monarch population and investigate ways to increase it. Using their research and ideas, students design a habitat to attract the monarchs and other pollinators. The unit culminates with students presenting their habitat designs to their classmates, parents and school community.

### STANDARDS ADDRESSED

**ELA:** ELA.1.RI.1; ELA.1.RI.2; ELA.1.RI.7; ELA.1.SL.2; ELA.1.SL.5; ELA.1.W.2

**Math:** M.1.MD.2

**Science:** S.1.L.1

### AVAILABLE MATERIALS

- Video of Unit
- Daily Lesson Plans
- Life Cycle of a Monarch Butterfly Cutouts
- Monarch Butterfly Labeling Activity
- A Butterfly is Born Activity Sheet
- Graphic Organizer
- Monarch Butterfly Article
- Basic Needs of a Plant
- Basic Needs of a Plant Activity Sheet
- Designing a Pollinator Habitat Booklet
- Pollinator Habitat Design Rubric



### ABOUT THE TEACHER

*Amy holds a bachelor's degree in Early Childhood Education from Georgia State University. She was named 2008-2009 M.H. Mason Elementary School Teacher of the Year. In 2015, she was the recipient of a \$15,000 grant to build a hydro/aquaponics lab, which is the first of its kind in Gwinnett County. She hopes that the lab will not only help students master science standards, but also produce healthy foods to donate to families in the community.*