

What Will I Be?



RIF EXTENSION ACTIVITIES FOR EDUCATORS

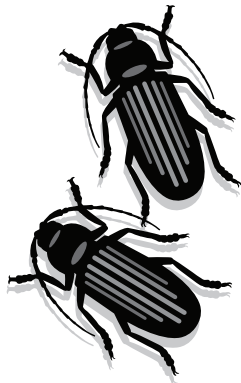
STEAM-THEMED: SCIENCE, TECHNOLOGY, ENGINEERING, ART, MATH

SCIENCE

OBSERVATION STATION— LIFE CYCLE IN ACTION!

Materials: clear plastic container, uncooked oatmeal, paper towel, potato slice, mealworms (can be purchased at most pet stores)

Pour four inches of uncooked oatmeal into a container. Place mealworms on top of the oatmeal. Put a thin slice of potato on top of the mealworms. Cover the container with a paper towel, then with a lid with air holes. In a special class notebook or their own special “observation” notebooks, have students draw a picture of one of the mealworms on Day 1. Continue to observe and draw the worms over the next month (or however long you wish), recording the dates. Replace the potato slice as it dries out. How did the worms change over time? Discuss your findings.



TECHNOLOGY

TIME (BUTTER)FLIES!

Visit this website to watch the life cycle of a butterfly: <http://natgeotv.com/ca/great-migrations/videos/growing-up-butterfly>

FOR THE BIRDS

ENGINEERING

Provide students with pictures or real examples of birds’ nests. Ask students what they think a bird might need to build a nest. What items are sturdy, flexible, and available to a bird? List materials on the board. Take students outside to gather materials. In the classroom, put students in collaborative groups to manipulate the materials. Demonstrate how students might try to weave them together. Encourage students to talk about their ideas and ways to make the nests sturdy. Display student-made nests in trees or on ledges outside your classroom.

ART

MOSAIC MONARCH

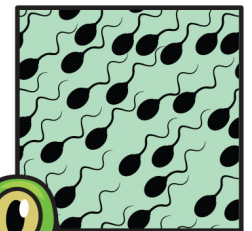
Materials: light blue or white paper, construction paper (orange, yellow, and black), glue, picture of a Monarch butterfly for reference

Draw a butterfly outline on blue paper. Tear construction paper into small pieces or cut into small squares. Create your own Monarch butterfly by gluing the colored paper inside the drawn outline. Be sure to place squares close together!

MATH

ANIMAL ARITHMETIC

Use the animals from the story to make up math problems. For example: If *one* butterfly has two wings, how many wings do three butterflies have? If a frog lays ten eggs and five hatch into tadpoles, how many more eggs are left to hatch?



MATH

FROG JUMP

Did you know frogs can jump up to ten times their own length? That means if the frog is four inches long it can jump 40 inches! Measure how long (tall) you are, then measure how far you can jump. Why do you think a frog can jump so far compared to how small it is?



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