

# The 5 Senses

## RIF EXTENSION ACTIVITIES FOR EDUCATORS

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

### SCIENCE, MATH

#### SCENTED SCIENTISTS

Ingredients: 2 c. flour, 1 c. salt, 1 tbsp. oil, 1 c. water, 1 tbsp. unsweetened powdered drink mix (colored), 2 bowls, mixing spoon, measuring spoon and cups

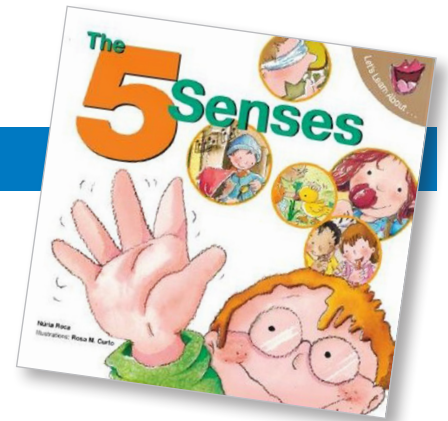
Tell students they're going to make a scented treat that's not to eat. In small groups, have students measure then mix flour and salt in one bowl. Add oil. In a second bowl, mix water and drink mix. Slowly pour the contents of the second bowl into the first, stirring or kneading until the mixture is soft and pliable. What changes do students see? What do they smell? What does the mixture feel like? Make a chart on the board to record their observations.

### TECHNOLOGY, SCIENCE

#### A CLOSER LOOK

Materials: magnifying glass, microscope (optional), variety of everyday objects (orange peel, penny, dime, leaf, paper, etc.)

Have students record observations about each of the objects before and after looking at those objects with a magnifying glass or microscope. How did their observations change? What did they learn about the objects?



### ENGINEERING

#### CHALLENGE THE SENSES

Materials: coffee straws, large marshmallows

Challenge: To construct a cube while blindfolded.

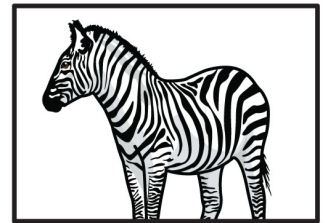
Have students pair up. Blindfold one member of each pair. Have the other student give verbal directions while the blindfolded student builds the cube. Let partners switch roles. Afterwards, discuss the challenge. Was it hard? Why? Did hearing the directions help? How did not seeing affect the sense of touch?

### ART, SCIENCE

#### CAMOUFLAGE CREATIONS

Materials: animal pictures, paper, glue, crayons

Have students find animal pictures in magazines or online. How could this animal camouflage itself to protect itself from predators? Have students glue their animal on a sheet of white paper and then create a picture around the animal to create a camouflage effect. Now you see it—now you don't!



### MATH

#### SOUNDS LIKE MATH TO ME

Have students close their eyes. Clap your hands 5 times. How many times did you clap? Record students' responses on the board. Repeat with another number. For an added challenge, clap your hands, pause, then clap again. Repeat a number of times and then ask students to find the total.