

# Ish

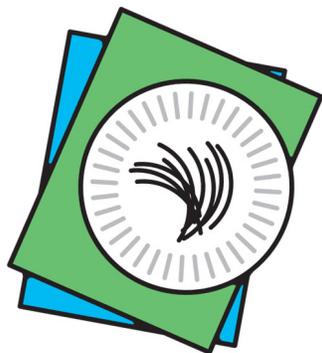
## RIF EXTENSION ACTIVITIES FOR EDUCATORS

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



### SCIENCE, ART GREEN AS GRASS-ISH

Materials: paper plate, construction paper, grass clippings



Did you know you can paint with grass? Explain that grass is green because of the chlorophyll inside each blade. Have each student place grass clippings on a plate. Put the plate on the floor and place a sheet of paper over it. Instruct students to gently step on paper and twist their foot to grind the grass into the paper. Lift the paper and observe; repeat if desired. What type of ish picture could students create out of the grass stains?

### TECHNOLOGY, ART ABSTRACT ARTISTS

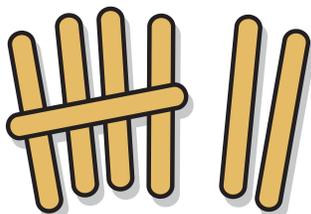
Have students visit [www.nga.gov/kids](http://www.nga.gov/kids) where they can be the brush masters of their own online canvas.



### ENGINEERING, ART, MATH BY THE NUMBERS

Materials: recycled materials (paper scraps, jug lids, yarn, popsicle sticks, etc.), tape or glue

Allow students to choose a number to construct out of recycled materials. The number must be freestanding and its value incorporated within the structure (e.g., the number four might be made of four popsicle sticks). Let students join with partners or small groups and find the sum of their numbers.



### ART CREATIVE EXPRESSIONS

How do your students like to express themselves? Explain that art is not just about drawing. There are many kinds of art, including music, drama, writing, and dance. Let each student choose a feeling or emotion as Ramon does in the story and pick an art form to represent that feeling. Students may work in pairs or small groups. Have them share their art with the class.

Can the rest of the students guess their chosen feeling?



### MATH, ART BUILDING BLOCKS OF ART

Have students use pattern blocks to create different pictures. Give students prompts (e.g., "This has 4 trapezoids on the bottom and 8 triangles on top."). Compare the different pictures your students come up with based on the same prompts.