

## SOCIAL STUDIES - FRIENDSHIP

### MATERIALS —

Small paper plates (cut in half, one half per student)  
Large outline of a fish (big enough to fit a scale for each student)  
Watercolors  
Glitter  
Glue

**Teacher Prep:** Make a sign or cut out letters for display above fish: **A Friend is** \_\_\_\_\_.

### PROCEDURE —

- Step 1:** Discuss with students:  
Why is friendship important?  
What makes a good friend? Write responses on chart paper.
- Step 2:** Distribute a scale to each student (1/2 paper plate).
- Step 3:** Have students write or draw something about the quality of friendship. It can be from the student generated list, a drawing showing friendship, a word to describe a good friend, etc.
- Step 4:** Next, use the watercolors to paint the scale. Let it dry.
- Step 5:** Use a sponge or brush to apply glue on scale and sprinkle glitter.
- Step 6:** Have students share their responses before taping their scale to the large fish.

## SCIENCE – FAST FISH EXPERIMENT

Students learn about surface tension in water.

### MATERIALS —

Water  
Bowl (one per group/partners)  
Liquid soap  
Cardboard fish (one for each student)  
Scissors  
**Teacher Prep:** Use the cardboard to cut out little fish shapes.

### PROCEDURE —

- Step 1:** Place students in groups.
- Step 2:** Fill the bowl with water.
- Step 3:** Tell students you are going to float a cardboard fish in the water. What do you think will happen?
- Step 4:** Carefully place the cardboard fish on top of the water. Check predictions.
- Step 5:** Explain that you are going to drop a small amount of liquid soap behind the fish's tail. Ask students to predict what will happen.

**Step 6:** Carefully add the drop of soap.

**Step 7:** What happens? (the fish swims away)

### **HERE'S THE SCIENCE —**

The fish swim away because the dish soap breaks the water surface tension. This allows the water to pull the fish away from the soap. **Extension:** Try it with salt water.

## **ART - MAKE A RAINBOW FISH**

### **MATERIALS —**

Cone shaped coffee filters  
Paint: black, purple, blue, green, yellow, red  
Celery sticks (about 5 per student)  
Glue  
Glitter

### **PROCEDURE —**

- Step 1:** Give each student a coffee filter. Explain that the smaller end will be the head of the fish and the wider end will be the back end of the fish.
- Step 2:** Dip the eraser end of a pencil in black paint. Use this to create an eye on the fish. Dip the sharpened pencil in black paint and draw a mouth.
- Step 3:** Dip the celery sticks into the various colors of paint to create scales on the fish. Let dry.
- Step 4:** Spread glue on fish and apply glitter.