

# Tea Cakes for Tosh

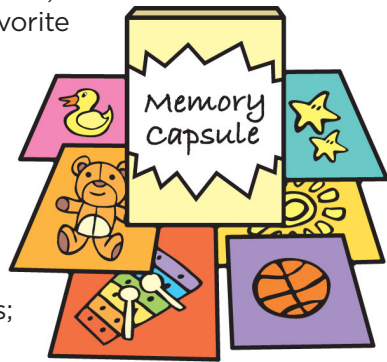
## RIF EXTENSION ACTIVITIES FOR EDUCATORS

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

### ENGINEERING, ART, MATH MEMORY CAPSULES

Materials: cereal boxes, paper towel tubes, construction paper, wrapping paper, craft items (stickers, glitter, sequins), yarn, paper, pencils, markers, crayons

Allow each student to construct and decorate a “memory capsule” to hold their important memories. Have students trace their hands, measure height with string, create a self-portrait, and write down their favorite things. Place items in the memory holder and seal. Collect all capsules and keep until the end of the school year. Complete the activities again and compare to the earlier capsules. Discuss; talk about memories from the year.



### SCIENCE, MATH WHEN LIFE GIVES YOU LEMONS

Materials: fresh lemon halves, measuring cup, measuring spoon, baking soda, liquid dish soap, clear cup

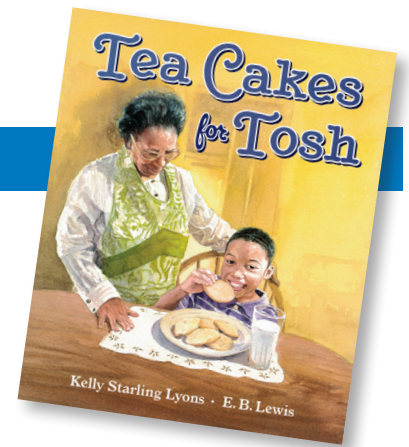
This activity can be done in small groups or as a whole class. It might make a mess, so cover the table with newspaper or plastic. Have students squeeze lemon halves and measure and record the amount of juice collected. Have students measure 1 tablespoon of baking soda and put it in the empty cup. Have another student add 1 teaspoon of liquid dish soap to the cup; mix well. Ask students to hypothesize what will happen when you add the lemon juice. Add the juice to the baking soda mix and watch the suds erupt! Why did mixing lemon juice (an acid) and baking soda (a base) make such a reaction?

### MATH, SOCIAL STUDIES RECIPE SWAP/TASTE TEST

Materials: a family recipe, notebook paper, pencils

Have students bring in traditional family recipes. They can swap recipes with a partner. To plan for a family reunion, students can double or triple the recipe.

If students choose and school guidelines allow, choose some to make and taste. Have students share their recipe and tell how it became a family tradition.



### SOCIAL STUDIES, LANGUAGE ARTS ONE GENERATION TO THE NEXT!

Materials: notebook paper, pencil

Invite senior citizens from the community to your classroom. Prior to the interview day, have students create a list of questions to ask older adults about life in the past. Have students make thank-you cards to give to their interviewee as well. On interview day, take pictures of the student-adult pair. Have students create a PowerPoint presentation or poster to introduce their older adult pal and share information learned from the interview. If in-person interviews aren't an option, reach out to a local senior center to ask if students can write letters or send emails.

### SOCIAL STUDIES, ART FAMILY TREE MAPS

Materials: construction paper, markers, crayons

Have students design their own “flow chart” to describe their family members. Students can trace their family names as far back as they can. On their family tree map, they should include names, dates, and places where their family members were born. Students can illustrate family portraits or include pictures from home. Share. Incorporate math and comparative relationships: Whose relative lived the longest? Farthest from your town? Had the most children?

