

Hands-On History Fun

Science Stuff:

Remembering Archimedes—an Experiment in Buoyancy

You will need: a bathtub partially filled with water; several volunteers in bathing suits; marking goop

To make marking goop; $\frac{1}{3}$ cup dish detergent; 1 Tbsp. cornstarch; Food coloring

Mix the first two ingredients. Add a few drops food coloring. Before anyone enters the bathtub, mark the water level with marking goop. When the first person enters the bathtub, wait until the water settles, then mark that level. After all the volunteers finish their turns and mark their levels, notice the different water levels marked. Did the smaller children have lower water marks?

Fun Food to Fix:

Easy Doughnuts—To Celebrate Hanukkah, the Festival of Lights

For 8–10 small doughnuts you will need: 1 can refrigerator biscuit dough; vegetable oil for frying; cinnamon sugar

Caution: An adult MUST be present to make this recipe. Hot oil can burn severely!

Open the can of uncooked biscuits. With your finger, poke a hole in the center of the biscuit. This will become your doughnut, so make sure the hole is big.

Carefully heat one inch of oil in a frying pan.

When it is hot, use a slotted spoon to gently set four doughnuts in the pan. Watch closely to see when they begin to turn golden in the center—that is the time to carefully turn them over to finish frying. When the doughnuts are golden on both sides, lift them out of the oil with the slotted spoon and set them in a shallow bowl filled with cinnamon sugar. Turn them over in the sugar until well-coated, then arrange on a plate. While one person is coating the doughnuts with sugar, another person should be putting the next doughnuts in the oil. Be sure to handle the hot oil carefully when you are finished!