



# JOSEPH KUSHNER HEBREW ACADEMY

## RAE KUSHNER YESHIVA HIGH SCHOOL

### FIRST GRADERS LEARN TO MEASURE WATER TEMPERATURE IN HANDS-ON SCIENCE

First graders applied what they learned about temperature and thermometers to conduct a water mixing experiment that involved hot and cold water. The students worked in small groups and collected data in a hands-on way. First, students measured the temperature of hot water and cold water and recorded their findings. Next, students made predictions about what the temperature of the water would be when they mixed some hot water with some cold water. Then, the students mixed hot and cold water and used thermometers to determine the temperature of the mixed water.

Lastly, the students discovered that the water temperature changed as a result of mixing hot and cold water. Throughout this experiment, the students practiced reading a thermometer and recording temperature. We followed up by recording all of the data on a class chart.

