



SINK OR FLOAT: FALL VEGGIE EDITION

- ◆ DO YOU KNOW WHY DIFFERENT OBJECTS SINK OR FLOAT WHEN PLACED IN WATER? ◆
IF AN OBJECT IS MORE DENSE THAN WATER IT WILL SINK, AND IF IT IS LESS
DENSE THAN WATER IT WILL FLOAT. LET'S FIND OUT WHAT THAT MEANS! YOU CAN
◆ USE ANY VEGETABLES YOU HAVE AVAILABLE FOR THIS ACTIVITY. ◆



REQUIRED SKILLS:

Tally mark counting

SUGGESTED MATERIALS:

Bin or pot to hold water, real vegetables (gourds, carrot, zucchini, corn, squash, mini pumpkins, etc.), recording sheet

QUESTION TO PONDER:

What words can you use to describe the way an object floats?

DIRECTIONS:

- 1 Fill your container with water. (But leave a little space on top to avoid spills!)
- 2 Predict if you think the vegetable will sink or float.
- 3 Place the first vegetable in the water and mark down if it sank to the bottom or floated at the top.
- 4 Repeat with each vegetable.
- 5 Use tally marks to record your results.

EXTENSIONS OF ACTIVITY

S.T.E.A.M.

MATH - WEIGH EACH VEGETABLE AND COMPARE THE SINK OR FLOAT EXPERIMENT RESULTS OF THE HEAVIEST AND LIGHTEST VEGETABLES.