



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.