

# CRANBERRY STRUCTURES

SUGGESTED MONTH / EVENT	SUGGESTED GRADE
November / STEM Day or Thanksgiving	All grades

## PRE-ACTIVITY DISCUSSION

- Who eats cranberries? What do you know about cranberries?

### FUN FACTS

- Cranberries are native to North America.
- They are called “superfruits” because they have a lot of antioxidants or nutrients. In other words, they’re healthy and good for you!
- They are approximately 90% water because they have air pockets.

## MATERIALS

- paper plate
- marker
- a bowl of cranberries
- toothpicks



## SET UP

- Give each student a paper plate.
- Use bowls to distribute the cranberries and toothpicks (i.e., one set of two bowls per table of 4 students). Replenish the materials, as necessary.

## RULES

- Students need to work at their tables and stay in their seats until the activity is done.
- Keep the cranberries and toothpicks in the bowls or on the plates to avoid the cranberries ending up on the floor and being stepped on.
- Do not eat cranberries and do not play with the toothpicks.
- Build a structure that can fit on the plate.

## INSTRUCTIONS

- Write the student’s name on the plate using a marker.
- Use toothpicks to connect the cranberries.
- Start with a square or a triangle, and build from there.



## CHALLENGE:

- Test the structure by putting an object on top (like boxes of crayon or books).
- Build a 3D shape: pyramid, cube, pentagonal prism, rectangular prism, etc.
- Build a house, tower, vehicle, number, or letter.