

Candy Corn Structure Challenge

GRAB YOUR CANDY CORN AND SOME TOOTHPICKS. YOUR CHALLENGE IS TO CREATE THE TALLEST STANDING STRUCTURE YOU CAN WITH THE SUPPLIES YOU HAVE BEEN GIVEN. USE YOUR PROBLEM SOLVING SKILLS, CREATIVE THINKING TO SEE WHAT YOU CAN COME UP WITH.

IT IS CHALLENGING BUT NOT IMPOSSIBLE! THE CANDY CORN WILL BREAK IF YOU'RE NOT CAREFUL, SO SEE IF YOU CAN FIND A TECHNIQUE THAT WILL WORK FOR YOU. YOU MAY NEED TO TRY DIFFERENT THINGS AND THINK OUTSIDE THE BOX TO COMPLETE THIS CHALLENGE, BUT YOU CAN DO IT.

ONCE YOU HAVE YOUR STRUCTURE COMPLETED, MEASURE THE HEIGHT AND TRY TO CHALLENGE YOURSELF TO SEE IF YOU CAN COME UP WITH A DIFFERENT DESIGN THAT IS EVEN TALLER, OR YOU CAN CHALLENGE YOUR SIBLINGS, OR YOUR FRIENDS.

*IF THE CANDY CORNS ARE NOT WORKING FOR YOU, YOU CAN ALSO USE OTHER KINDS OF CANDY AS WELL. TEST IT OUT AND SEE WHICH CANDY IS THE BEST FOR BUILDING!

ALTERNATE ACTIVITY:

CANDY CORN STACKING STEM CHALLENGE

IN THIS STEM CHALLENGE STUDENTS SEE HOW HIGH THEY CAN STACK PIECES OF CANDY CORN BEFORE THE STACK COLLAPSES. SEE IF YOU CAN STACK UP CANDY CORN AND SEE IF THE LEGEND IS CORRECT.

HINT: YOU'LL NEED TO STACK THE CANDY CORN IN A CIRCLE TO RESEMBLE A PIECE OF CORN AND YOUR BASE (BOTTOM) MUST HAVE AT LEAST 10 PIECES OF CANDY CORN.

