

# HALLOWEEN CANDY STEM CHALLENGE BUILD A CANDY SCALE

## POSSIBLE MATERIALS

HANGERS

STICKS

GARDBOARD

LEGO

STRING

CUPS



## INSTRUCTIONS

- GATHER UP YOUR HALLOWEEN STASH
- COLLECT HOUSEHOLD MATERIALS
- HOW MANY PLAYLIST ITEMS CAN YOU SOLVE?
- PROVIDE PROOF OF YOUR DISCOVERIES!
- REWARD YOURSELF WITH A TREAT!



## CHALLENGE PLAYLIST

- BUILD A WORKING SCALE
- WHICH WEIGHS MORE? KITKAT OR TWIX? TRY WITH 3 OTHER CANDY COMBINATIONS.
- HOW MANY BAGS OF CHIPS DOES IT TAKE TO EQUAL 1 O'HENRY BAR?
- SORT THE CHOCOLATE BARS OR CHIPS FROM LIGHTEST TO HEAVIEST. OR LONGEST TO SHORTEST.
- HOW MANY MARS BARS LONG DO YOU THINK YOU ARE? GIVE YOUR BEST ESTIMATE!
- BONUS ROUND! HOW MANY CENTIMETERS OR METERS LONG ARE YOUR TREATS FROM END TO END?

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## CHALLENGE PLAYLIST

- BUILD A WORKING SCALE
- GO THROUGH YOUR TREATS AND ARRANGE THEM FROM HEAVIEST TO LIGHTEST.
- HOW MANY KIT KAT BARS DOES IT TAKE TO WEIGH THE SAME AS 3 O'HENRY BARS. TRY WITH YOUR OWN COMBINATION.
- HOW MANY MARS BARS LONG DO YOU THINK YOU ARE? GIVE YOUR BEST ESTIMATE!
- HOW MANY CENTIMETERS OR METERS LONG ARE YOUR TREATS FROM END TO END?
- CREATE A BAR GRAPH FOR AT LEAST 5 DIFFERENT TYPES OF CANDY.
- HOW MANY MM LONG IS EACH TYPE OF CHOCOLATE BAR? ORDER THEM FROM SHORTEST TO LONGEST?