

Pebble
Maker

MAKE YOUR OWN

MARSHMALLOW CATAPULT



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Words in **BOLD** are in the glossary.

FLYING MARSHMALLOWS

Watch out for flying marshmallows!

Catapults were used in battle long ago.

Today, though, they're mostly used for fun.

Make your own marshmallow catapult with a few simple supplies. Follow the steps in this book to send a sweet treat skyward.





WHAT YOU NEED

- paint
- paintbrushes
- 12 craft sticks
- rubber bands
- plastic spoon
- mini marshmallows





WHAT YOU DO

STEP 1

Paint the craft sticks in any colors you like.
Let them dry completely.





TAKE IT FURTHER

Does the length of the **launching** arm make a difference? Scoot the spoon down on the stick to find out.



Does the number of craft sticks in the stack make a difference? Try using only a few sticks. Then try more than 10 sticks. Measure how far your marshmallows go with each change.



BEHIND THE SCIENCE

Marshmallow catapults are a type of simple machine called a **lever**.

Levers are a way to move heavy things with less **energy**.

