



Launching marshmallows



What you need:

- PRINGLES OR SOME OTHER TUBE USED FOR STACKABLE CHIPS
- SCISSORS
- MINI MARSHMALLOWS
- BALLOONS
- DUCT TAPE

I'M NOT *HALF* THE TUBE I USED TO BE...

What to do:

- HAVE AN ADULT REMOVE THE BOTTOM OF THE CHIP TUBE.
- TIE A KNOT IN THE OPEN END OF THE BALLOON AND CUT ABOUT A THIRD OFF OF ITS TOP.
- STRETCH THE CUT END OVER THE HOLE IN THE TUBE AND TAPE IT DOWN.
- PLACE A MARSHMALLOW INTO THE TUBE AND PULL BACK ON THE KNOTTED END.
- POINT YOUR LAUNCHER IN A SAFE DIRECTION AND LET GO OF THE BALLOON.

What's going on?

BY PULLING BACK ON THE BALLOON YOU HAVE GIVEN IT SOME POTENTIAL ENERGY – THE POTENTIAL TO DO WORK! AND TO “DO WORK” IN SCIENCE MEANS THAT YOU HAVE TO MOVE AN OBJECT. THIS (OBVIOUSLY) HAPPENS WHEN YOU LET GO OF THE BALLOON AND ALLOW BALLOON’S POTENTIAL ENERGY TO BE CONVERTED INTO KINETIC ENERGY, THE ENERGY OF MOTION, INTO THE MARSHMALLOW!