

Mini-Marshmallow Challenge!

Ian Baillie has a challenge for you!

It's simple...
Who can launch a mini-marshmallow the furthest?

HINT: Energy!

A launcher changes stored potential energy into motion (kinetic energy).

HINT: Materials!

You don't need to use all materials.

MATERIALS

Every package will contain:

Pipe, Elastic, Construction Paper,
String, Balloon, Paint Stir Stick, and
Mini-marshmallows.

plus...

you can use/add any fasteners you like:
Tape, Glue or Screws.

BRAINSTORM

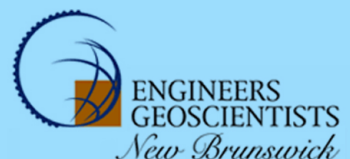
Will my launcher sit on the ground or be handheld?
How do I load the marshmallow?
What will power it air, elastic, lever?

BUILD

Work with a partner and you can ask adults to help!
Hint ... Slingshots, blowguns, catapults, and levers will all send objects soaring!

TEST/COMPETE

Does your device send mini-marshmallows flying?
Bring it to school for the December end of month assembly on December 18th at 9am.



PLEASE SEND HOME ONE KIT FOR...

CHILD

PARTNER

PARTNER

to assemble, invent & engineer

Parent/Guardian. Date: