

## SCIENCE OLYMPICS EVENTS

Construct at home, and bring to Field Day on March 15<sup>th</sup> to compete.

**Entry Groups:** K-3, 4-8, 9-12



### MARSHMALLOW CATAPULT

**Description:** A catapult uses an elastic arm to sling an object either over a wall, across moats or over a long distance. Our catapults will be used to flip a marshmallow as far as possible.

**Construction:** Any of a number of different designs may be used; however, the following parameters must be observed:

- The catapult can use springs, rubber bands, bungee cords or the inherent "spring" of the catapult arm itself to project the marshmallow as far as possible.
- The catapult may use any construction materials and be of any design as long as the judges deem the construction to be safe.

#### Scoring:

- Judges will count the best of 3 launches.
- The student who launches the marshmallow the farthest will be declared the winner.