



Marshmallow Catapult

4th Grade - NGSS 4-PS3-1
Materials and Additional Resources



Materials

- Craft sticks
- Rubber bands
- Mini marshmallows
- Masking tape
- Markers
- Scissors
- Scotch tape



Engineering Design Process

[Identify, Brainstorm, Prototype, Test, Iterate, Share | Engineering Design Process](#)



Non-Fiction Reading

[Catapult Facts for Kids](#)

[Kids Build Pumpkin- Tossing Catapult](#)

[Trebuchet](#)

Math

[Catapult Math](#) (free TPT resource)



Videos*

[How Trebuchets Work](#)



Teacher Resources

[The Catapult Forces Challenge | Teacher's Guide](#)

[Launching into Learning | Catapults!](#)

**A note about YouTube videos - The listed videos have been previewed, however individual teachers should also preview to ensure content is appropriate for their students.*