



Straw Rockets

6th Grade NGSS MS-PS3-5
Materials and Additional Resources



Materials

- Pencil
- 3 x 5 cards
- Straw
- Tape
- Piece of Play-Doh or clay for tip (optional)



Engineering Design Process

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



Non-Fiction Reading

[History of Rockets](#)

[What is force?](#)



Arts & Crafts

[A Messy Art Room: How to Draw a Simple Space Themed Picture](#)



Music

A fun possibility might be to have your students listen to [Gustav Holst's "The Planets"](#) (or a portion of it). They could listen while drawing the scene that is inspired by the music.



Videos*

[Rockets 101](#)

[Rocket Science: How Rockets Work - A Short and Basic Explanation](#)



Teacher Resources

[Rocket Curriculum](#)

[Build a Bubble-Powered Rocket!](#)

[Design and build an air-powered rocket that can hit a distant target](#)

[NASA Rockets Educator Guide](#)

**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.*