



# Astronaut Lander

4th Grade - NGSS 3-5-ETS1-2  
Materials and Additional Resources



## Materials

- Scissors
- Piece of stiff paper or cardboard (about 4 x 5 in.)
- 1 small plastic cup
- 3 index cards (3 x 5)
- 2 regular marshmallows
- 10 miniature marshmallows
- 3 rubber bands
- 8 plastic straws
- Tape



## Engineering Design Process

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



## Non-Fiction Reading (Newsela and Read Works are free platforms)

[The Apollo Space Program](#)



## Arts and Crafts

[Watercolour Planets - Space Themed Art for Kids](#)



## Music

[Zoom, Zoom, Zoom We're Going to the Moon](#)



## Videos\*

[Apollo 11 - The First Moon Walk | Things You Wanna Know](#)  
[Apollo II Moon Landing Simulation](#)



## Teacher Resources

[The Moon Landing](#)  
[10 Fun Facts About The Moon Landing For Kids | The Space Race, Apollo 11](#)

*\*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.*