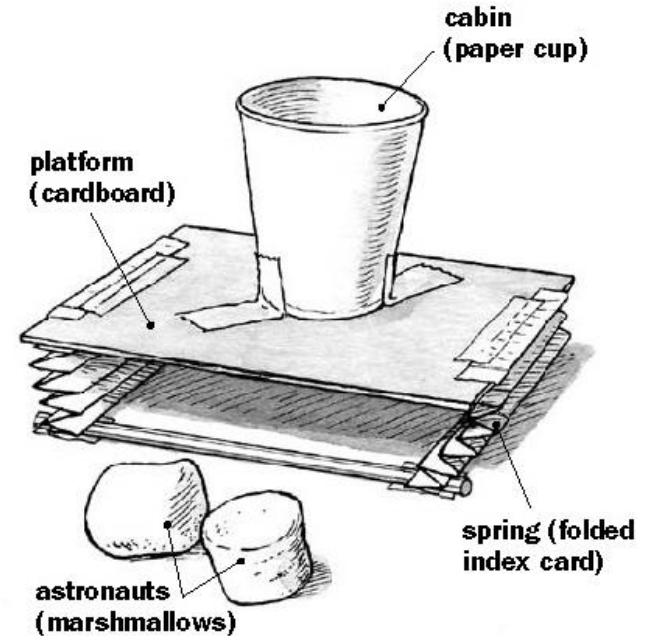


Teacher Directions

Materials: (per group)

- Paper or plastic cup
- Cardboard
- 2 large marshmallows (the astronauts)
- 4 Index cards (4 x 6 size)
- Scissors and tape
- 10 mini-marshmallows
- 10 straws
- 4 rubber bands



Set-Up:

- Place supplies at each group area.
- You may want to show students some pictures of spaceships and landers
- Students will need to drop their lander from a height of two feet in order to see if it can safely take their astronauts (marshmallows) to the surface of the moon. The opening of the cup must remain **open**.
- Provide a flat surface for the construction.

Goal:

Students will build a lunar lander that safely gets the astronauts to the surface of the moon (a drop of two feet).