

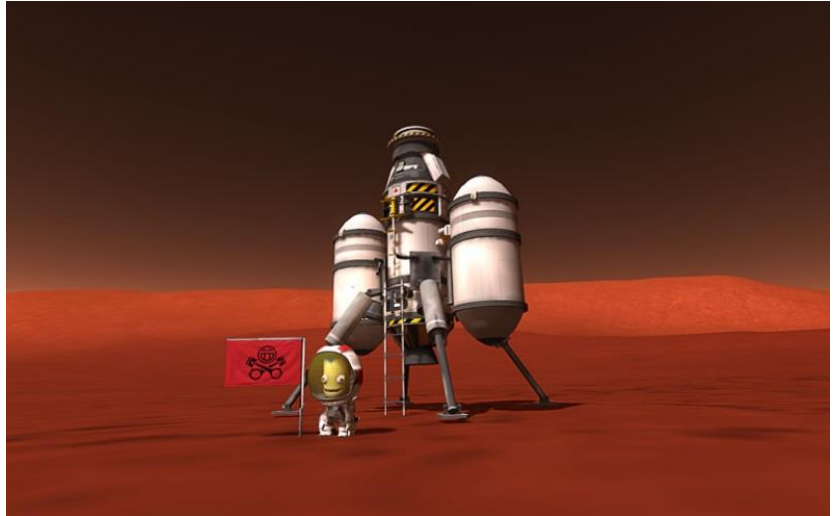
Mars Lander Experiment

Introduction:

Your goal is to create your own Mars Lander. You must keep your astronaut (egg) safe and be able to land on a target. This is a competition. There will be 1st, 2nd and 3rd place prizes.

Materials (for each group):

- 10 B5 pieces of Paper
- 3 pairs of chopsticks
- 2 Plastic bags
- 3 Balloons
- 20 Rubber Bands
- 1 Meter of String
- 3 Paper Plates
- 1 Paper Cup
- Tape (As much as you need.
- One Egg



Note: Groups can trade materials if they want.

Remember it is not the fall that will break the egg, but the sudden stop at the end!

Procedure:

1. Take 10 minutes in your group and design your lander.

Remember:

Your egg must survive

You must hit a target.

The lander should be reusable. Reusable means you can use it more than once.

2. Begin building your Lander. You will have 25 minutes to build it.
3. The class will go outside and test each Lander in the testing area.