

MARS LANDER CHALLENGE!



Your mission is to design and build a Mars lander that will allow you to successfully land an astronaut on the surface of Mars. In this case your astronaut will be an EGG! Are you up for the challenge?

1 First, brainstorm a design idea for your Mars Lander using everyday household materials. Here are some examples of materials you could use.

- Empty egg carton
- Newspaper
- String
- Glue
- Plastic bag
- Tape
- Bubble wrap
- Card tubes

2 Think about what materials will best absorb and protect your astronaut egg from impact when the Mars Lander hits the ground. Also is there a design that could help slow the lander down before reaching the surface? A parachute perhaps?

3 Next, sketch your design idea in the box below and think of a name.

4 Once you have finished drawing your design it's time to start building the lander! And don't forget to put your astronaut egg inside!

5 When your lander is complete and you are happy with the design, take it to a high and safe place to drop it from.

6 Are you ready? Countdown 5,4,3,2,1 DROP! Will your astronaut egg survive?

Sketch a design for your Mars Lander

