

Into the Unknown

Grades 7 - 9

Introduction

Think like an aerospace engineer and make something that's out of this world! Using your knowledge of the Solar System, its conditions, and some engineering know-how, create a lander that can touch down on Venus.

Materials

Lander Building Supplies

- Any available materials – e.g. cardstock, construction paper, pipe cleaners, aluminium foil, wire, string, recyclables like cardboard, boxboard, egg cartons

Materials

Landing Pad and Condition Simulation

- Books, human strength, bricks, stones, coins – things to compress and add weight on to the lander
- The ground

Materials

Miscellaneous Supplies

- Tape, Scissors, Glue/hot glue
- Paper, pens and pencils for your plan
- Decorating materials
- Astronauts (optional)
 - Marshmallows
 - Small toys/figurines
 - Eggs