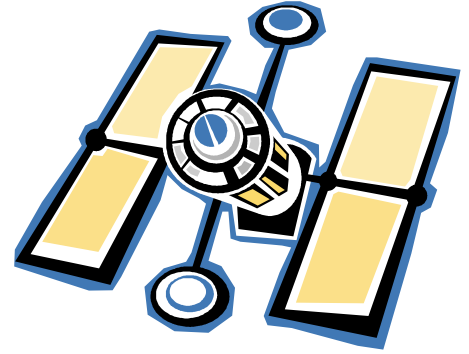


Spacecraft Design

A space probe is an unmanned craft that is sent into space to gather information and send back data. There are three types of probes- Interplanetary, orbiters, and landers. Each one is designed for a particular purpose, but all have similar parts and construction that help them to be effective in extreme environments.



The Challenge:

Design and build a space probe that will gather data about Mars.

Rules:

1. Your space probe must be no larger than 20 centimeters (8 inches) in any dimension.
2. Design your probe system so that it always lands bottom down.

Materials

- Index cards or card stock
- Notebook paper
- Tape
- Scissors
- Paper clips
- Ruler
- Protractor

Work with your team to construct your space probe. Then, record your data in your Science Notebook.