

Build Your Own Spacecraft

Your spacecraft should have these components:

- 1) Container: To hold everything together.
- 2) Power Source: To create electricity from solar panels, batteries, etc.
- 3) Scientific Instrument: To take pictures, measurements, or collections.
- 4) Communication Device: To relay information back to Earth.
- 5) Orientation Finder: A sun or star tracker to show where the spacecraft is pointed.

You can use whatever supplies you have available. Be creative!

Suggestions For Edible Supplies:

- rice crispy treats
- sugar wafers
- graham crackers
- pretzels
- gummy worms/candy
- frosting
- brownies
- toothpicks (to keep the food together!)



Suggestions For Non-Edible Supplies:

- juice boxes or other small boxes
- toothpicks
- plastic cups and bowls
- popsicle sticks
- straws
- paperclips
- construction paper
- CDs or DVDs
- rubber bands
- sponges



To see more ideas and examples, go to:

spaceplace.nasa.gov/build-a-spacecraft