

Build your own space probe!

Have you ever watched a rocket launch on TV and wished you could take a ride on one? Well how about designing your own spacecraft instead? No human has yet set foot on Mars, although scientists have sent many robotic spacecraft there over the years to find out information about the planet, its rocks and atmosphere. What would *you* put on a spacecraft to another world?

Things your craft might need:

- solar panels (for power)
- an antenna to transmit data back to Earth

Things you might want your craft to do:

- measure temperature
- measure atmospheric gases
- move around (a rover)
- sample rocks
- look for life
- take photographs
- measure wind speed
- look for water/catch rain
- anything else you can think of!



