



## Your Missions



### MISSION ONE:

*Learn about the vomit comet and discover what it takes to make dreams come true for NASA.*



### MISSION TWO:

*Discover inventions made for NASA that you can use, and find out how many astronauts it takes to turn a screw.*



### MISSION THREE:

*Be the inspiration for the next plans of the space age.*

## MISSION DETAILS

### MISSION TWO:



#### **Ski down from space.**

Did you know that ski boots came from the imagination of engineers at NASA? That's right, astronauts needed something flexible, yet sturdy, for their own footwear, and voila! Ski boots were also born. NASA dreamers also invented video game joysticks. Astronauts used it to control the Moon space buggy. Other inventions include the padding for baseball helmets, originally used for rocket seats, and certain sunglasses, first created for space helmets, that protect eyes from the sun.

**What can you invent that can be used in space?**

#### **Carpenters in space.**

How many astronauts does it take to use a screwdriver? If you were in space and tried to turn a screw, it'd be you that turned instead. You need two people: One to push the screwdriver in and one to push the astronaut holding the screwdriver around in a circle. Handles and foot braces are used to give the astronaut leverage during zero gravity repairs.

