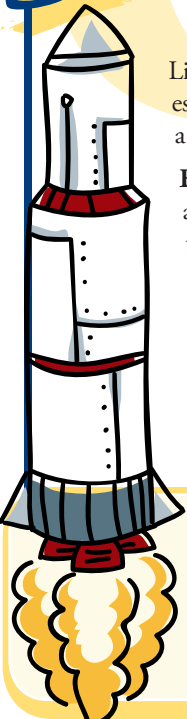
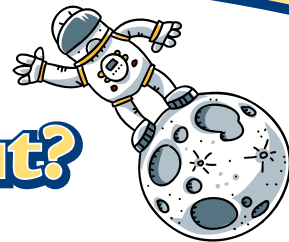


## What is it like to be an Astronaut?



Living in space is difficult for many reasons, especially because everything floats around. Here are a few strange facts about living and working in space.

**Eating:** Astronauts don't have much of an appetite in space because it is hard to smell or taste food. The smell of food floats away before it can reach the nose.

**Showering:** If you tried to take a bath or shower in zero gravity, the water would just float away in drops. Instead, astronauts are given a few wet wipes each day to try and keep themselves clean.

### Does the Moon's appearance change over time?

Astronauts first stepped on the Moon about 40 years ago. You can learn more about the Moon by observing it over the course of a few weeks. Take a parent and go outside at night to look for the Moon.

**Drinking sweat:** Every drop of water on the International Space Station is recycled. Even sweat from their exercise towels is saved and turned into drinking water.

**Space sickness:** Astronauts can get very nauseous in zero gravity. Spinning and floating can make them spacesick, much like people get seasick or carsick from too much movement.

Montana's only astronaut, Loren Acton, is a graduate of Montana State University (MSU) and he is currently a professor in MSU's Physics Department.

Do this at the same time each night for about a month. Make drawings of how the Moon appears, and you will notice that something happens. What happens?



### Did-you-know?

In the time it takes for you to snap your fingers, light travels roughly the distance from the Moon to the Earth.

Learn about opportunities to participate in upcoming science activities and events at MSU by visiting [Montana.edu/outreach](https://montana.edu/outreach)

