



Shuttle level Scavenger Hunt  
Grades (6-12)

**Navigate the Modern Space Gallery to find the answers to the clues.**

- 1) Judith Resnik, whose life was tragically lost aboard the Challenger shuttle in 1986, is Ohio's first female astronaut. She is from \_\_\_\_\_, Ohio.
- 2) You can thank NASA for making Math class much easier. They had to use miniaturization in order for computers to fit into small space capsules. A spinoff invention from this technique is a Math staple: \_\_\_\_\_
- 3) Without this, a shuttle landing would have been very rough and dangerous. You can find smaller versions on other modes of transportation: \_\_\_\_\_
- 4) Io is the name of this planet's largest moon: \_\_\_\_\_
- 5) There are several requirements that potential astronauts must meet in order to be chosen as an astronaut. These include a college degree, flight experience, and excellent physical health. Astronauts, who hope to be Mission Specialists, can't be any taller than \_\_\_\_ feet \_\_\_\_ inches. Are you too tall to be an astronaut??
- 6) Astronauts aboard the International Space Station (ISS) can be in space for up to 4-5 months. It is necessary that astronauts \_\_\_\_\_ to ensure there isn't a loss of bone calcium and muscle tone.
- 7) This protects the shuttle from the heat of re-entry on its way back to Earth, but you can find smaller ones in your kitchen or bathroom: \_\_\_\_\_
- 8) What I come from may keep the doctor away if you eat one a day but in my saucy state I can be used as food for astronauts: \_\_\_\_\_
- 9) My tongue hangs out as I run over fields and streets all day. I get tied up every morning and untied at night. This item is considered a "spinoff" from the space program. Similar materials were used in astronaut boots: \_\_\_\_\_
- 10) This planet's ridges look similar to those on Earth's ocean floor, which were produced by tectonic plate movement: \_\_\_\_\_