

NASA Glenn Research Center, Cleveland, Ohio

The NASA Glenn Research Center designs and develops innovative technology to advance NASA's missions in aeronautics and space exploration. Glenn's main campus, Lewis Field, has world-class facilities including wind tunnels, drop towers, vacuum chambers and a research aircraft hangar. Plum Brook Station has large, unique facilities that simulate the environment of space. One of ten NASA centers, Glenn's work is essential to the agency. Get an inside look at NASA Glenn Research Center's facilities by visiting <u>https://www.nasa.gov/glennvirtualtours</u>.

- 1. Can you find the Hubble Space Telescope?
 - a. How many years has the Hubble been operating in space?
 - b. How far above the earth's surface does the Hubble orbit?
 - c. Find "Your Hubble Birthday Image", what happened on your Birthday?
- 2. Find the two Mars Rovers, one is going to Mars in 2020.
 - a. What is the name of the new Mars 2020 Rover?
 - b. Is that a good name right now and what is the definition of the name?
 - c. How many cameras does it have?
 - d. Does it have ears? What are its ears?
- 3. Find the First All Woman Spacewalk Video
 - a. What are the Astronauts first names?
 - b. One of the female Astronauts spent a long time in space, how long?

- 4. Find the How are we Going to the Moon video
 - a. Between 1968 and 1972, NASA sent how many rockets into space?
 - b. How many landed on the moon?
 - c. What is the name of the space craft and how many crew members can the Crew Module
 - d. What is the name of the Lunar Space Station that will constantly orbit the moon?

Would you like to be an astronaut and travel into space or design space craft or even set up experiments to be done in space? Draw a picture of something to do with space and space travel. Maybe put yourself in the picture and tell us a story about you and space. Have your parent post and share to Facebook or email to <u>marcomm@gsmw.org</u>.



