

Space Science Investigator: Step 4

Purpose: Juniors explore a planet in step 4 of the Space Science Investigator badge. They become Mission Specialists for another planet in our Solar System and create a fun travel brochure for tourists visiting that planet.

Setup: Today, we're going to be Mission Specialists, leading tours of planets in our Solar System! Have you ever taken a tour? What was your favorite part? What do you think should be included on a tour of a planet? These are all questions you can think about as you get to know a planet.

To help decide which planet to feature, please review the [Planet Resources sheet](#) for pictures and facts to include. You may also access the internet for additional online research with an adult to learn about [planets](#) and view cool [posters](#).

Activity: To get started, gather research and photos or drawings of your chosen planet, scissors, tape, glue, art supplies, old magazines, and found items for props.

Like a good scientist, use the research and photos from the [Planet Resources handout](#). Put the photos or drawings into the brochure to highlight special things about the planet. Be sure to include facts and the name of a robotic spacecraft or lander that has already explored your planet. Be creative!

What technology or tools were used to research your planet? Tools are very important to scientists as they explore new things—be sure to draw attention to them and the discoveries they contributed to.

How fun and interesting can you make your brochure?

Find a corner in a room of your house to represent your planet—use your imagination!

Once you've finished, you can lead your family on a tour of your planet. Make the tour as interactive and fun as possible!

This activity was adapted from the Junior Space Science Investigator badge booklet - page 8, Step 4, Option 1. These can be purchased online from the GSUSA online store for \$.99.