

Why do scientists explore space?

What knowledge has been gained through scientists exploration of space?

How has the knowledge gained through exploring space been used? (List at least 2 ways the knowledge has been used).

What is the name of your planet?

Where is your planet located (what part of the galaxy or solar system)?

How far is your planet from Earth? (Light years and miles)

How far is your planet from the sun? (Light years and miles)

How long is a \_\_\_\_\_ on your planet?

- Rotation (Sun, its own axis etc)
- Day
- Night
- Month
- Year
- Season (s)

Is your planet **terrestrial** or **extraterrestrial**?

- Why?

Compare/contrast the density of your planet to the density of earth.

What is your planet made of?

- Describe the surface
- Atmosphere
- Gravitational force

Can life be **sustained** on your planet?

What **natural resources** (found on Earth) are located on your planet?

***Other than finding out what it's made of***, what scientific information has been learned about your planet?

If your planet has been explored, how have scientists used what they have learned about your planet or how do they think they will be able to use the information?

What **celestial bodies** are located near your planet?

Does your planet have moons?

- **How many?**
- **How do they affect your planet?**