

# Guiding Questions Research Form

Researchers' Names: \_\_\_\_\_

Planet Name: \_\_\_\_\_

Position in Solar System: \_\_\_\_\_

Distance from Sun: \_\_\_\_\_

Discovery of Planet:

\* When: \_\_\_\_\_

\* Who: \_\_\_\_\_

\* How: \_\_\_\_\_

\_\_\_\_\_  
\_\_\_\_\_

Planet Appearance:

• size: \_\_\_\_\_

• composition (what is it made of?): \_\_\_\_\_

• \_\_\_\_\_

• \_\_\_\_\_

• color: \_\_\_\_\_

Moons and Rings:

\* How many moons: \_\_\_\_\_

\* Names of moons: \_\_\_\_\_

\* \_\_\_\_\_

\* \_\_\_\_\_

\* rings: (yes, no) If yes, describe them: \_\_\_\_\_

\* \_\_\_\_\_

Rotation & Orbit:

\* How long does it take for your planet to rotate on its own axis? (How long is one day/night cycle?) \_\_\_\_\_

\* How long does it take for your planet to revolve around the Sun? (How long is one year on your planet?) \_\_\_\_\_

Habitability for Humans:

\* High temperature: \_\_\_\_\_

\* When/Where? \_\_\_\_\_

\* Low temperature: \_\_\_\_\_

\* When/Where? \_\_\_\_\_

\* Atmosphere (tell the gases, etc.) \_\_\_\_\_

\* \_\_\_\_\_

\* Terrain (surface): \_\_\_\_\_

\* \_\_\_\_\_

\_\_\_\_\_

\* Gravitational pull: \_\_\_\_\_ x Earth's gravity

\* Weather: \_\_\_\_\_

\* \_\_\_\_\_

\_\_\_\_\_

\* What might cause problems for humans to live on this planet?

\* \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

