

Mars for Earthlings

LESSON 21: Kepler**Homework 2**

Missions Outside our Solar System_MFE

*Planet Hunters****Join Planet Hunters***

1. Navigate to: <http://www.planethunters.org>. Register, and begin planet hunting by following the online tutorial.
2. What method is *PlanetHunters* using to detect planets?
3. What role do you play? Will people use your findings? Why or why not?

Classifying the star

4. What types of stars might you encounter? How do you discern the differences with the data provided? Draw examples of each star and the data they provide.
5. Draw below what a planet transit looks like below. From your observations, have most of the stars had a planet transiting? What does this tell you? Would it be possible for a star to have a planet but have an apparent transit?

