

Name: \_\_\_\_\_ Date: \_\_\_\_\_ Homeroom: \_\_\_\_\_

**Do Now**

Vocabulary Term	Meaning	Visual Representation
Terrestrial Planets		
Jovian Planets		

**Activity 1: Key Concepts**

1. Terrestrial planets have few \_\_\_\_\_, and have \_\_\_\_\_, \_\_\_\_\_ and \_\_\_\_\_.
2. Jovian planets have many \_\_\_\_\_, extreme \_\_\_\_\_, are \_\_\_\_\_ and made of \_\_\_\_\_.

**Activity 2: Classifying Planets**

Name	Key Features: (#moons, gas or rock, weather?)	Classification
HD 189773b	_____ _____ _____	
TOI 849 b	_____ _____ _____	

Name	Key Features: (#moons, gas or rock, weather?)	Classification
WASP-12b	<hr/> <hr/> <hr/>	
OGLE-2016-BLG-1928	<hr/> <hr/> <hr/>	
55 Cancri-e	<hr/> <hr/> <hr/>	
TrES-2b	<hr/> <hr/> <hr/>	
KELT-9b	<hr/> <hr/> <hr/>	
HR 5183b	<hr/> <hr/> <hr/>	
K2-18b	<hr/> <hr/> <hr/>	
HAT-P-7b	<hr/> <hr/> <hr/>	

**Exit Ticket**

- 1. You found an exoplanet that seems to have high volcanic activity, craters, and no moons. What can you tell me about where you would find this planet relative to the Sun? How would you classify this planet?**

---

---

---

---

---

---

---

---

---

---