Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Pd.\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Stars and Planets Study Guide for Quiz**

1. **Explain the role mass plays in the life and death of a star.**
2. **What is the life cycle pathway for a:**
	1. **Low-Mass Star**
	2. **Very High-Mass Star**
3. **Explain the purpose of a Hertzsprung Russell Diagram.**
	1. **What does it tell us?**
	2. **What doesn’t it tell us?**
	3. **Why do scientists use them?**
4. **Contrast the inner and outer planets**

|  |  |  |
| --- | --- | --- |
|  | **inner planets** | **outer planets** |
| **size** |  |  |
| **spatial relationship to one another** |  |  |
| **type of planet** |  |  |

1. **What role does gravity play in the formation of the inner and outer planets?**

Turn to the Back