**Space Notes 2**

1. **Moon Phases**
	1. The \_\_\_\_\_\_\_ lights up the \_\_\_\_\_\_\_\_\_.
	2. The phase depends on the position of the\_\_\_\_\_\_, the\_\_\_\_\_\_\_\_

 and the \_\_\_\_\_\_\_.

1. The phases of the Moon from a New Moon to a Full Moon are:
	1. New Moon
	2. \_\_\_\_\_\_\_\_\_ crescent
	3. first \_\_\_\_\_\_\_\_\_\_\_\_\_
	4. waxing \_\_\_\_\_\_\_\_\_\_
	5. \_\_\_\_\_\_\_\_\_\_\_ Moon
2. The phases from a Full moon to a New Moon are:
	1. Full Moon
	2. \_\_\_\_\_\_\_\_\_ gibbous
	3. \_\_\_\_\_\_\_\_\_ quarter
	4. waning \_\_\_\_\_\_\_\_\_
	5. \_\_\_\_\_\_\_ \_\_\_\_\_\_\_
3. We only see \_\_\_\_\_\_ side of the \_\_\_\_\_\_\_. Why?
	1. \_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_
		1. The Moon **ROTATES** about its’ axis at the same rate that it **REVOLVES** around the Earth.
4. **Eclipses**
	1. There are \_\_\_\_\_\_\_ types of eclipses:
		1. \_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_
	2. \_\_\_\_\_\_\_\_\_\_ eclipses happen when the \_\_\_\_\_\_\_\_ moves between the Sun and \_\_\_\_\_\_\_\_\_\_.
	3. Lunar \_\_\_\_\_\_\_\_\_\_\_ happen when the \_\_\_\_\_\_\_\_ moves between the \_\_\_\_\_\_\_\_\_ and the Moon.
	4. How many solar and lunar eclipses per year on average? \_\_\_\_\_\_\_\_
5. **The Lives of Stars**
	1. The average star goes through three stages before it becomes a white \_\_\_\_\_\_\_\_\_.
		1. an average star turns into a \_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_, then into a Planetary \_\_\_\_\_\_\_\_\_, and then a white dwarf star.
	2. A massive star goes through 3 stages before it becomes either a \_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_, or a \_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_.
		1. a massive star turns into a \_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_ before it turns into a Super \_\_\_\_\_\_\_\_\_, and then can become either a Neutron Star or a Black Hole.