**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.