

SPACE VOCAB #1 C12

- **COPY & PASTE** the **definition** of each word in your **digital notebook**.
 - **DRAW** and label a quality **COLOR** picture of each concept and upload to your **digital notebook** next to the definition.
1. **LUNAR ECLIPSE**: when Earth passes between the sun & the moon casting a shadow of Earth on the moon
 2. **SOLAR ECLIPSE**: when the moon passes between the sun and the Earth blocking the sun from the Earth
 3. **UMBRA**: The shadow cast by the moon blocking the sun
 4. **PHASE (MOON PHASES)**: any of the observed shapes of the moon as seen from earth including: (Full, New, Crescent, Gibbous & quarter)
 5. **SUMMER SOLSTICE**: (June 20 or 21) longest day (most daylight) in the northern hemisphere and first day of summer.
 6. **WINTER SOLSTICE**: (Dec 20 or 21) shortest day (least daylight) in the northern hemisphere and the first day of winter.
 7. **VERNAL EQUINOX**: (start of spring) one of two days each year that receives equal daylight and nighttime.
 8. **ORBIT**: the path of one object in space around another
 9. **AXIS**: an imaginary line through which the earth spins (23.5°)
 10. **PERIOD OF REVOLUTION**: time it takes a planet to make 1 orbit around the sun (365.25 days)
 11. **PERIOD OF ROTATION**: time it takes a planet to spin once around (23 hrs 56 min)
 12. **ASTRONOMICAL UNIT**: Unit of measurement for distances in our solar system. 1 AU is the distance from the sun to the Earth.