

There will be an Astronomy unit test on _____ (A) and _____ (B). Basically, the test is based on information given about the **Earth, the Moon, the Sun**, and **Space Travels** and **vocabulary**.

The Earth: (based on the notes from powerpoint)

- Age of earth: _____; Oceans _____ continent _____
- Rotation _____, rate _____; revolution _____, _____
- What causes the day and night? _____
- Seasons are caused by _____
- Diameter of earth: _____
- Distance from sun: _____
- Equinox _____ and solstice _____

Tides (based on notes from powerpoint):

- _____ creates the highest high tide and lowest low tide
- Tides are caused by _____
- Phases of the moon during a neap tide and spring tide

The moon: (based on notes from powerpoint)

- Need to know all the phases of the moon in order beginning with new moon
- Size of moon = _____ gravity of the moon _____ (compared to Earth)
- What is unique about moon rotation and revolution? _____
- What is the E-M-S alignment for a full moon and a new moon (refer to drawing of lunar solar eclipse)
- Crater _____

The Sun:

- What is the alignment for a lunar and solar eclipse: **draw here**

- Views of universe: Ptolemy, Copernicus, and Galileo
- Fuel for sun (mostly made of) _____. (_____ occurs in the _____)
- What is an A.U.? _____
- Age of sun? _____; when will it die _____
- What color is the Sun? _____

Apollo mission questions:

- Space race between _____ and _____,
- Landing on the moon: who _____ when _____
- _____ program to land people on the moon.
- _____ = US agency for space exploration (National Aeronautical Space Agency)

Vocabulary:

- axis, orbit, solstice, equinox, star, planet, Kuiper belt, comet, solar flare, rover, ISS, heliocentric, geocentric, AU, meteor(ite), asteroid belt, lunar eclipse, solar eclipse, terminator, umbra, penumbra, rotation, revolution, light year, satellite,