**EARTH/MOON/SUN SYSTEMS PROJECT** Name:\_\_\_\_\_\_\_\_\_\_\_\_

 Create **just one** of the following

1. a 3-D model
2. A poster
3. A story
4. PowerPoint Presentation

of **ONE** of the following:

~ Lunar Cycle

 ~ Seasons

 ~ Tides

 ~ Eclipses (Both Solar and Lunar)

\***LUNAR CYCLE** - Must have the **Sun and 8 phases** (as we see them from the EARTH) labeled with correct phase names and the time it takes between each phase.

**\*SEASONS** - Must have the Sun and the **4 main locations** of the Earth designating the **4 main seasons**. Model must show the Earth’s tilt and be able to clearly see the difference between the Northern and Southern Hemispheres.

**\*TIDES** - Must have the Sun, Earth, Moon, and clearly show the causes for the low, high tides and how often they occur. Model must

include the NEAP and SPRING tides, how often they occur and the

moon phases in which they occur.

\***ECLIPSES** - Must clearly show the Solar and Lunar Eclipse and the

relationship between the Sun/Earth/Moon during the eclipse Period.

 **EACH PROJECT must have 5 STAAR formatted questions** (and answer key) that can be answered by looking at your choice of presentation.

**On Monday, February 13th you must decide on which model you will create and if you are working with a partner or alone**. You will sign up in class stating your choice.

Please Remember that:

1. ALL projects must be in one of the above stated models
2. ALL projects must be in color ( if you need one, just let me know)
3. Questions that accompany your project must be typed out and have **4 answer choices** for each question at most (maximum).
4. Answer Key must be typed on a separate sheet of paper unless your choice is a PowerPoint presentation.

 **This project is due on FEBRUARY 16TH 2017.**