Earth Moon and Sun Mastery Contract

This is my formal request to attempt mastery for the test listed above. I realize that the opportunity to master this content requires me to properly prepare in order to reap the greatest benefit. Regardless of my grade on the mastery assessment, the second attempt is the final standing grade. In order to properly prepare for this opportunity I will do the following (please check as you complete and attach any documentation. If an activity is listed for multiple standards, it only needs to be completed once):

**AKS 10a - explain how Earth’s movement in space produces the day/night cycle**

\_\_\_\_\_1. Read Interactive textbook page 347

\_\_\_\_\_2. Review astronomy notes and Explain Your Universe Lab

**AKS 10b - relate the tilt of Earth to the distribution of sunlight throughout the year and its effect on climate (seasons) (GPS)**

\_\_\_\_\_1. Read interactive textbook pages 325-326

\_\_\_\_\_2. Watch BrainPop “Seasons” and “Solstice and Equinox”

\_\_\_\_\_2. BrainPop “Seasons” and “Solstice and Equinox” quiz (earning at least 70%)

**AKS 10c - demonstrate the phases of the moon by showing the alignment of the earth, moon and sun (GPS)**

\_\_\_\_\_1. Read Interactive Textbook pages 423-425

Brainpop login: richardsms1\_teacher

Brainpop password: richardsms1

\_\_\_\_\_2. Watch BrainPop “Moon Phases”

\_\_\_\_\_3. BrainPop “Moon Phases” quiz (earning at least 70%)

\_\_\_\_\_4. Review your moon notes and Explain Your Universe lab

**AKS 10d - explain the alignment of the earth, moon and sun during solar and lunar eclipses (GPS)**

\_\_\_\_\_1. Read textbook pages 424

\_\_\_\_\_2. Watch BrainPop “Eclipse”

\_\_\_\_\_3. BrainPop “Eclipse” quiz (earning at least 70%)

\_\_\_\_\_4. Review eclipse notes and Explain Your Universe lab

**AKS 12b - relate the use of probes, satellites, telescopes, and spectroscopes to about the study of space**

\_\_\_\_\_\_1. Read interactive textbook pages 351-356 and 435-450

\_\_\_\_\_\_2. Watch Brainpop “Satellites” and “Telescopes” videos

\_\_\_\_\_\_3. Brainpop “Satellites” and “Telescopes” quiz (earning at least a 70%)

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