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Oct 17-2:47 PM

Disciplinary Core Ideas

Plan of the Day:

00) OVERDUE: Expanding Universe Quick Lab. Then, place your Expanding Universe Quick Lab in the **WHITE MORIN BIN** on the black cart next to the student table. Make sure your **FIRST & LAST NAME** and your **CLASS (12A, 36A, 78A, 12B, 36B or 78B)** are on your handout. **LAST DAY.**

1) **FINISH READING** Unit 3 Earth-Sun-Moon System, Lesson 1, Earth's Days, Years, and Seasons pages 140-149. **ALL** questions including Lesson Review. **I will check these when 30 Minutes left to class.**

2) **START** Unit 3 Lesson 2, Moon Phases and Eclipses pages 152-160 questions within the reading **ONLY** .

3) **START** Unit 3 Lesson 3, Earth's Tides pages 166-174 questions within reading **ONLY** (omit 14, 15).

Disciplinary Core Ideas

ESS1.A: The Universe and Its Stars

- Patterns of the apparent motion of the sun, the moon, and stars in the sky can be observed, described, predicted, and explained with models. (MS-ESS1-1)
- Earth and its solar system are part of the Milky Way galaxy, which is one of many galaxies in the universe. (MS-ESS1-2)

ESS1.B: Earth and the Solar System

- The solar system consists of the sun and a collection of objects, including planets, their moons, and asteroids that are held in orbit around the sun by its gravitational pull on them. (MS-ESS1-2),(MS-ESS1-3)
- This model of the solar system can explain eclipses of the sun and the moon. Earth's spin axis is fixed in direction over the short-term but tilted relative to its orbit around the sun. The seasons are a result of that tilt and are caused by the differential intensity of sunlight on different areas of Earth across the year. (MS-ESS1-1)
- The solar system appears to have formed from a disk of dust and gas, drawn together by gravity. (MS-ESS1-2)

Nov 3-12:59 PM

1) **FINISH READING:** Unit 3 Earth-Sun-Moon System, Lesson 1, Earth's Days, Years, and Seasons pages 140-149. ALL questions (# 1 - 18) including the Lesson Review questions (# 1 - 9).

The reading and questions **MUST** be completed with 30 Minutes left to class so that I can check them. Unfinished questions become homework.

2a) **START** Unit 3 Lesson 2, Moon Phases and Eclipses pages 152-160 questions within the reading **ONLY**. (omit 9)

2b) **START** Unit 3 Lesson 3, Earth's Tides pages 166-174 questions within reading **ONLY** (omit 14, 15).

I will check these questions on Friday (11/18) and Monday (11/21). Use your time efficiently in order to get them done!

Nov 14-6:39 AM

Think Outside the Book

PRODUCT

2 Synthesize ~~Choose one of these activities~~ **y**
to help synthesize what you have learned in this unit.

- Using what you learned in **lessons 2 and 3**, make a flipbook **showing** the **importance of the alignment of Earth, the moon, and the sun** in the Earth-moon-sun system.

Draw pictures **AND** use words (captions)

Due date to be determined BUT will be shortly after your return from the Thanksgiving Holiday break.

Nov 15-8:50 AM