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Oct 17-2:47 PM

Disciplinary Core Ideas

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)

Plan of the Day:

1) **RECHECK** (for those absent last class) Unit 3 Earth-Sun-Moon System, Lesson 1, Earth's Days, Years, and Seasons pages 140-149. ALL questions including Lesson Review.

2a) **CHECK** Unit 3 Lesson 2, Moon Phases and Eclipses pages 152-160 questions within the reading ONLY (not 9).

2b) **CHECK** Unit 3 Lesson 3, Earth's Tides pages 166-174 questions within reading ONLY (not 14, 15).

3) **START** or **CONTINUE** Flip book (instructions given last class, page 178 of your Space Science text)

Nov 3-12:59 PM

1) **RECHECK** (for those who were absent last class): 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).

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

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

No Lesson Reviews!

3) The **RECHECK** and **CHECK** will occur while you are **STARTING** or **CONTINUING** the flip book project, due the end of class on November 22 (A-day) or November 28 (B-day).

Nov 14-6:39 AM

PRODUCT assignment (as instructed last class meeting):

Page 178

Think Outside the Book

Complete the circled

2 **Synthesize** ~~Choose one of these activities~~ 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.

3 topics

1 topic

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

Due dates: November 22 (A-day) or November 28 (B-day) at the END of Class.

Nov 15-8:50 AM

Upon your return from the Thanksgiving Holiday Break, we will start to review for the end of unit **test**.

Therefore, it is important that EVERYONE be up to date with the reading assignments.

COMPLETE any OVERDUE reading assignments by Friday, November 18th (A-day) or Monday, November 21st (B-day).

All OVERDUE READING ASSIGNMENTS convert to 0% or whatever points I last recorded on recheck.

Nov 15-2:28 PM