Disciplinary
Core Ideas

ESS1.A: The Universe and Its Stars

Earth and its solar system are part of the Milky Way galaxy, which is one of many galaxies
in the universe.

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
- The solar system appears to have formed from a disk of dust and gas, drawn together by aravity.

Plan for the day:

00) OVERDUE: Gas Giants Foldable (WHITE LATE MORIN BIN)

0) TURN IN: your choice, #10 or #17 (WHITTE LATE MORIN BIN)

Last lesson, assigned as "HOMEWORK - DUE NEXT CLASS"

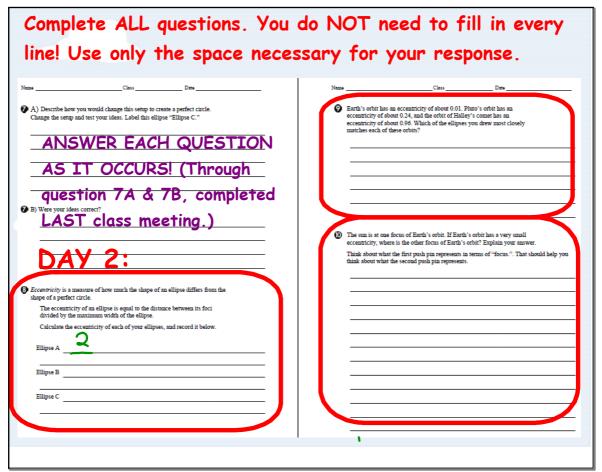
- 1a) RE-CHECK Lesson 2: Gravity and the Solar System, pages 60-72, questions 1-21, AND
- 1b) RE-CHECK Lesson Review, questions 1-9; Describe, Explain, Analyze and Explain questions require multiple sentence answers.
- 2) FINISH the Quick-Lab started last class (related to Kepler's Laws, pages 63-64). Turn in by end of 1st, 3rd, and 7th periods.
- 3) Video clips of the big bang, etc./Discussion of Solar System readings

Sep 25-6:22 AM

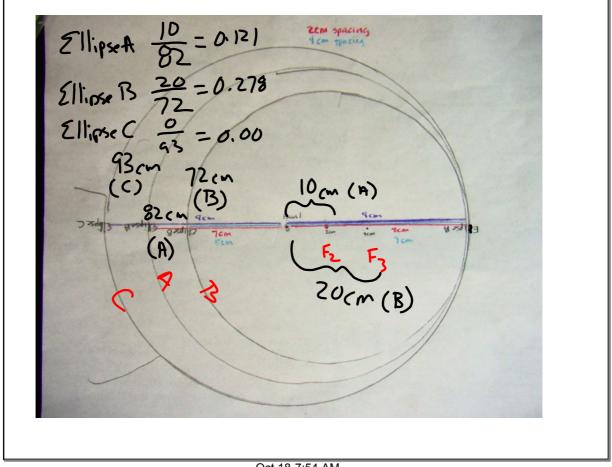
ALL LATE WORK

- 1) Gas Giant Foldable
- 2) Question 10 or 17 (Small Bodies in the Solar System)
- 3) Various Readings/Questions

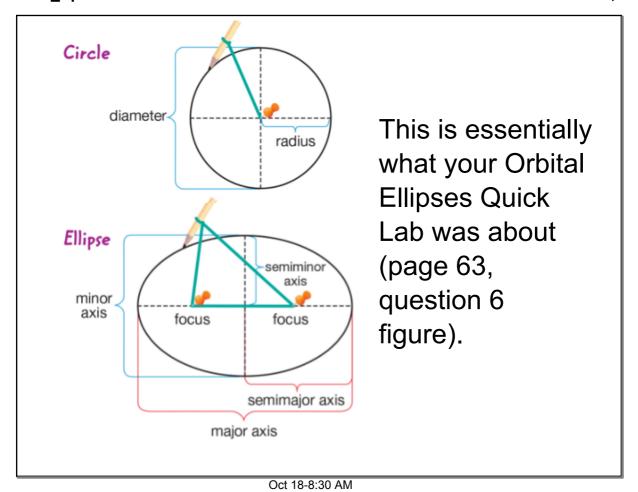
DUE BY THURSDAY, 20 October!



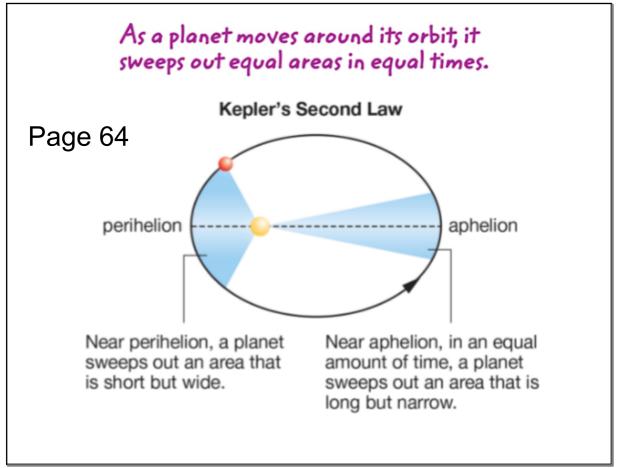
Sep 30-3:12 PM



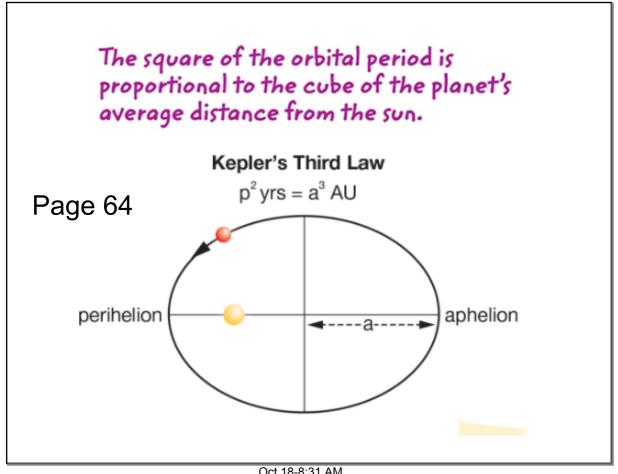
Oct 18-7:54 AM



Most helpful Page 63 for Question Kepler's First Law 10 on Orbital **Ellipses Quick** Lab Sun lies at Nothing lies at the other locus aphelion perihelion semimajor axis Each planet orbits the sun in an ellipse with the sun at one focus. (For clarity, the ellipse is exaggerated here.)



Oct 18-8:32 AM



Quick Lab: Orbital Ellipses is due:

Make sure <u>your First</u> & <u>Last NAME</u>, <u>your partner's First</u> & <u>Last NAME</u> and <u>CLASS</u> are on your <u>Orbital Ellipses Quick Lab</u> handout.

A-Day - End of 2nd, 6th, & 8th Period: (October 18th), Place your completed Quick Lab in TAN MORIN BIN.

B-Day - End of 2nd, 6th, & 8th Period: (October 19th), Place your completed Quick Lab in TAN MORIN BIN.

(A-Day, my Dad's Birthday! 1/2A)
(B-Day my Brother's Birthday! 3/6B)

Oct 14-6:38 AM

The evolution of the universe in 3 minutes

The scale of the universe

Evidence of a Ninth Planet

A <u>Unit Test</u> is on the horizon within the next three to four weeks (just to mentally prepare you!).

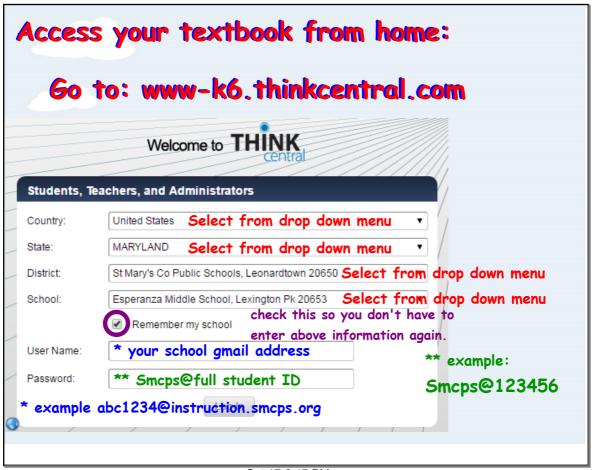
It is really important that all students keep up with current work in the classroom.

That means, all students who now find themselves **BEHIND** must work to get themselves "CAUGHT UP" or put themselves in danger of failing the 1st quarter.

Completing work at home is the only option.

Please start to hold yourself accountable for your actions.

Oct 17-2:30 PM



Internet links to the videos viewed today:

The evolution of the universe in 3 minutes

The scale of the universe

Evidence of a Ninth Planet

Oct 17-2:47 PM



Evidence of a Ninth Planet.mp4