

## Disciplinary Core Ideas

### Plan for the day:

#### 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 gravity.

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

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

1) TURN IN the Orbital Ellipses Quick-Lab completed last class or as HOMEWORK (related to Kepler's Laws, pages 63-64), TAN MORIN BIN

Assigned as HOMEWORK multiple times. Show ALL you OWE.

2a) RE-CHECK Lesson 2: Gravity and the Solar System, pages 60-72, questions 1-21, AND

2b) RE-CHECK Lesson Review, questions 1-9; Describe, Explain, Analyze and Explain questions require multiple sentence answers.

3) Video clips of the big bang, etc./Discussion of Solar System readings

Sep 25-6:22 AM

**FROM LAST TWO LESSONS so NO SURPRISE:**

## 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!**

Oct 17-8:39 AM

## Housekeeping Issues:

- 1) Students are responsible for "cleaning up" after themselves.
- 2) If you use an item on the student table, RETURN the item to its proper place at the student table.
- 3) Respect my stuff! Do not bend rulers. Bending breaks them.
- 4) Take your personal items with you.
- 5) NO WATER BOTTLES (leave them OUTSIDE my room) unless medically necessary (Doctor's note).

Oct 17-8:39 AM

## Quick Lab: Orbital Ellipses is due TODAY:

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

The student in charge of your lab data sheet, the three (3) ellipses (A, B & C) STAPLES the data to the BACK of his/her lab.

PLACE your completed Quick Lab in TAN MORIN BIN now.

Oct 14-6:38 AM

A **Unit Test** 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

The evolution of the universe in 3 minutes

The scale of the universe

Evidence of a Ninth Planet

The helical model - our Galaxy is a vortex

The helical model - our solar system is a vortex

Scale of Earth and Sun

Scale of Solar System

Oct 14-6:38 AM

While I check those who needed to complete Unit 2 Lesson 2 (Gravity in the Solar System)...

START reading Unit 1 - Lesson 1, Structure of the Universe (pg 4 - 13) answering the LESSON REVIEW questions 1 through 10 on page 13.

THEN proceed to Lesson 2, Stars (pg 16-25) answering the LESSON REVIEW questions 1 through 10 on page 25.

Oct 20-9:02 AM

Access your textbook from home:

Go to: [www-k6.thinkcentral.com](http://www-k6.thinkcentral.com)

Welcome to **THINK** central

**Students, Teachers, and Administrators**

Country: United States **Select from drop down menu**

State: MARYLAND **Select from drop down menu**

District: St Mary's Co Public Schools, Leonardtown 20650 **Select from drop down menu**

School: Esperanza Middle School, Lexington Pk 20653 **Select from drop down menu**

Remember my school **check this so you don't have to enter above information again.**

User Name: **\* your school gmail address**

Password: **\*\* Smcps@full student ID**

**\* example abc1234@instruction.smcps.org**

**\*\* example: Smcps@123456**

Oct 17-2:47 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

## Attachments

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Evidence of a Ninth Planet.mp4



The helical model - our Galaxy is a vortex.mp4



The helical model - our solar system is a vortex.mp4



Scale of Solar System.mp4



Scale of Earth and Sun.mp4