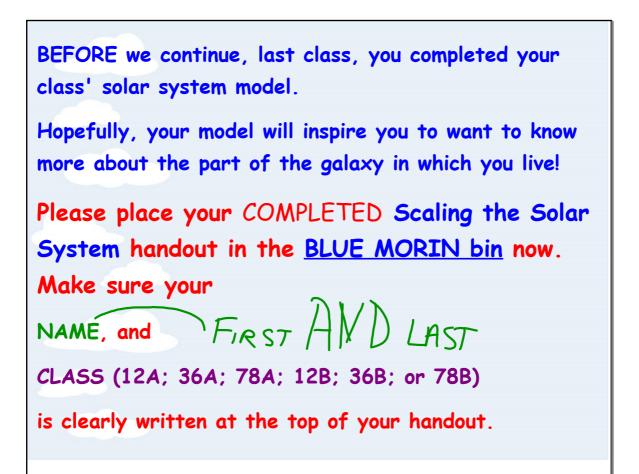
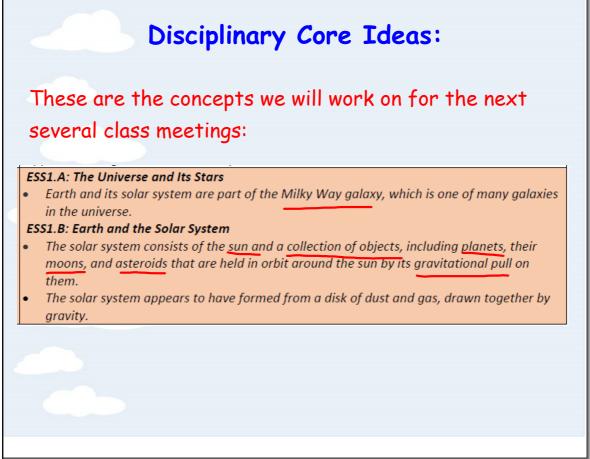
Plan for the day:	Name	Class	Front	Date		
	Making a scale model takes a bit of planning. That planning requires a lot of math!					
		One of our 6 th grade learning objectives states that students will be able to "construct models with accurate scale that represent the orbital position of the Earth relative				
1) Turn in completed Scaling the	to the sun and to other planets, comets and asteroids."					
After viewing the Khan Academy vi						
Solar System handout (when I		solar system. However, we co between objects to meet the				
		ur sun, planets and other cele				
direct you).	agether, we converted the 35 ft, 8 in. length of the science classroom to 1087.1 cm and determined that equaled the 30 Astronomical Units					
		her, please look at the previou		Class	Date	
2) Start using the NEW text	http://mrsmorin.wood	and other of a de-science.nth			Back	
L) Order using the NUW Text	Planet Name	Distance from the Sun		termined the distances from the tial bodies in our solar system, ye	sun to each of the planets and w need to think about how to	
book regularly. Write directly in	Mercury	(km)		s size of the planets. You learned stem, that Earth would be micros		
book regularly. Write an eerly m			available in our classroom. Therefore, you will not be able to use the same ratios used for distances on the reverse side. However, you will need to make each planet relate to its			
your text as required.	Venus			yful way so that everyone can see 'he other in the solar system.	each planet and how different each	
for the second sec	Earth	150,000,000			ach this problem (set up the ratios).	
NAME V DIA	Mars		interfere with any oth	Remember, objects in your scale model of the solar system must be visible but interfere with any other table group's model or block any student's ability to s		
a) Complete Engage Your Brain (pg	Asteroid Belt		Smart Board from any Planet Name	from anywhere in the classroom. Name Actual Celestial Object Size Scaled Down Size (cm)		
75) at top of page.	Jupiter		Mercury	(km)	Scaled Down Size (cm)	
. cy al top of page.	Saturn		Venus			
b) Read pages 75 - 85 answering	Uranus		Earth			
	Neptune 4,497,000,000					
ALL questions. ANNOTATE as			Asteroid Belt			
you read. (READ THE						
QUESTIONS FIRST!).			Uranus			
			Neptune			
			Halley's comet			

Sep 25-6:22 AM





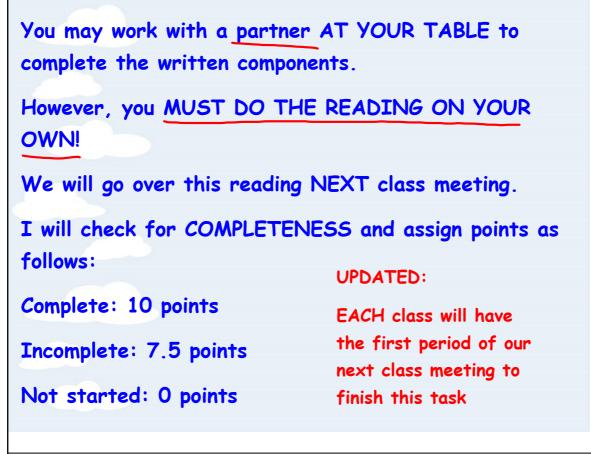
Sep 25-6:22 AM

Now, get your Space Science workbook. You will be expected to have this workbook with you every class from now on. $p_{9}.74-85$

Remember, you may write DIRECTLY into this text; it is yours!

Complete ALL questions and/or activities as directed.

You may use the blank "graph paper" pages to take notes.



Oct 3-7:01 AM





Sep 14-7:04 AM

Scale of Earth and Sun.mp4

Scale of Solar System.mp4