



Mr. Short's Earth Science Homework Board

Students-

Earth Science is a High School Credit-Bearing Course. In order to receive the high school credit for this class, students are required to successfully complete all four of the lessons posted between May 6 – June 3. Earth Science is also a HS verified credit course. Students will also earn their Locally Awarded Verified Credit for Earth Science when all four of the lessons are completed.

Work should be completed and submitted weekly with all work completed by Tuesday, June 9th.

We are in our last week of required work for Earth Science. All of the assignments must be completed to earn high school credit. Thank you to all of you who are completing assignments and working hard to stay engaged with our science class.

This is a different experience for us all and we need to work through it together. In a normal class environment we encourage students to work together and collaborate but this has become much more difficult with virtual learning. Although working together on the required science work is fine, cheating is not. Answers to many of these questions will be similar but, each answer must be your own. You MAY NOT submit another student's work. Changing a few words of another student's answer is still cheating. You must create unique answers that are your own work. In addition, you may not share documents with each other or turn in documents given to you by another student. No credit will be awarded unless all assignments are submitted with your own work. If you feel like you would like to resubmit any of the assignments from weeks 1-3 please do so soon.

[Main info page for virtual learning](#)

[My google meet office hours](#)

Tuesday 9:30-10:30

Thursday 3:30-4:30

Google meet nickname: **tms-earthscience**

[click here](#)

Date:	Daily Agenda:	Homework/ Reminders: <i>HW always due the next class period unless otherwise noted.</i>
June 3-June 9	Please check your work and make sure it is complete. All work is due June 9th!	
May 27-June 3	Cosmology	Make sure you are checking schoology gradebook. You should see a grade in week 1 and week 2 Gizmo submissions.
May 20-26	Astronomy	
May 12-19	Meteorology required work: <ul style="list-style-type: none"> - Air Masses and Fronts - Air Pressure and Clouds - Weather Predictions and Tools 	Each of the 11 tasks need to be completed in order. Discussion-Readings-Knowledge checks-and Gizmo worksheet
May 6-12	Atmosphere required work- <ul style="list-style-type: none"> - Atmospheric Regulation Mechanisms - Atmospheric Changes 	Each of the 11 tasks need to be completed in order. Discussion-Readings-Knowledge checks-and Gizmo worksheet
April 27-May 3	Earth day webquest, Brainpops on Corona Virus and Flattening the curve Go to page 4 at the bottom	
April 20-26	Glaciers	

April 14-19	<p>Plate tectonics review</p> <p>Assignment in schoology.</p> <p>Students can work on recovery work or this assignment or both. Only recovery work may have an impact on grades.</p>	
Mar 30-Apr 3	Bingo Board pick 3. Information is in schoology	
Mar 23-27	Map reading and making predictions. Students will learn about fronts and read a weather map. The assignment is in schoology.	
Mar 16-20	Check schoology for "required work" Also look for additional learning opportunities in schoology. Message me if you need something to do.	
Mar 11/12	Weather and climate PPT, Convection	Work on NeoGeo
Mar 9/10	SGM 2 and NeoGeo	
Mar 5/6	Ancient atmosphere	
Mar 2/4	Wind map, atmosphere webquest or simulation	Finish wind map and atmosphere work
Feb 27/28	Over fishing lab. Intro to Atmosphere design	
Feb 25/26	Test	
Feb	Work on NeoGeo and study guide	Study for test

21/24		
Feb 19/20	Who owns the ocean PPT and work on NeoGeo	
Feb 17/18	Ocean Currents and intro to NeoGeo	
Feb 13/14	Waves and Tides PPT and Gizmo on tides	Finish gizmo
Feb 11/12	Ocean Floor notes plotting the ocean floor	Finish floor profile
Feb 7/10	Quiz and Chesapeake bay website/jigsaw	
Feb 5/6	Groundwater lab - review for quiz	Study
Feb 3/4	Google maps - River system, Groundwater simulation, Saturation Gizmo	Finish simulation questions
Jan 30/31	Freshwater river systems- River presentation	
Jan 28/29	Benchmark and Karst Topography	
Jan 23/24	Soil PPT and foldable	Finish foldable
Jan 21/22	Quiz and groundwater diagram and PPT	Check NTI
Jan	Fossil ppt and worksheet	Finish fossil worksheet Skip #8

16/17		
Jan 14/15	Absolute age date ppt, Skittle lab	Finish lab Correct #3 to 750g of lead
Jan 10/13	Relative age date notes, rock strata and google slides graph making.	
Jan 8/9	Geological timeline PPT, notes and lab questions from timeline	Finish questions for homework
Jan 6/7	Geological timeline	
Dec 19/20	VA region presentation	
Dec 17/18	Volcano Simulation	
Dec 13/16	Quiz- Volcano PPT and Webquest	Finish webquest for homework
Dec 11/12	Earthquake nearpod and Gizmo Work on VA region project	Study
Dec 9/10	Plate tectonics simulation	Finish worksheet
Dec 5/6	Plate Tectonics WS Continental Drift Symposium	Work on VA region project
Dec 3/4	<ul style="list-style-type: none"> • Plate Tectonics PPT • Earth Layers 	Finish Rock Layer webquest to 90%
Nov	Work on VA region project	

26-Dec 2		
Nov 22/25	Unit test - Intro new unit VA geology	
Nov 20/21	View some student projects for the IDU. Whole class review, Q&A, kahoot.	Study
Nov 18/19	Students work on IDU, study guide, make a study tool or question and answer with teacher.	Study
Nov 14/15	Rock Cycle lab- with Crayons	Submit lab procedure with discussion 8th period- Finish interactive worksheet
Nov 12/13	Sedimentary rock notes and worksheet. Rock identification Gizmo	Finish for homework
Nov 8/11	Metamorphic rock notes and rock cycle gizmo	Finish for homework
Nov 6/7	Igneous rock punnett square graphic organizer	
Nov 1/4	Intro to the rock cycle Brainstorm and Poster	
Oct 30, 31	Period 1, 3, 4- Quiz Period 7- Flirt Period 8 Mineral Mine fair	
Oct 28/29	Period 1, 3, 4 - review for quiz. WS, Quizizz, Kahoot, Quizlet Work on IDU Periods 7, 8 Quiz and work on IDU or Mineral Mine	Study for Quiz Finish Mineral Mine (8th)

Oct 24/25	Flirt- article on Minerals/ores Gizmo on river erosion Work on IDU and Mineral Mine	Study for quiz
Oct 22/23	IB mineral ID assignment (in class) ADV review research and work with a partner (optional)	Finish mineral Questions and Mineral ID MYP criteria B
Oct 18/21	Mineral identification - Explore learning and hands-on mineral ID	Adv: finish research Finish Gizmo if you didn't finish in class.
Oct 16/17	Intro minerals- rock/mineral sort, PPT and notes in schoology	Work on projects
Oct 11/15	Intro Interdisciplinary unit and Mineral mine project.	
Oct 9/10	VA mineral map	
Oct 7/8	So you want to be a mayor- Persuasive ad campaign	
Oct 3/4	Advantages and Disadvantages of Energy resources	
Oct 1/2	Unit Test Regions of VA	
Sept 27/30	Experimental design for an idiom	Study
Sept 25/26	Go over Simpsons and Map quiz. Hypothesis-Theory- Law Graph PPT	Study for Test
Sept	Quiz on Lat/Long and Topo.	Finish Simpsons worksheet

23/24	Review of Scientific investigation	
Sept 19/20	Super fun Geocaching scavenger hunt around campus!	Study for Quiz
Sept 17/18	<ul style="list-style-type: none"> • GPS PPT • Playdoh activity 	Finish Lab assignment
Sept 13/16	<ul style="list-style-type: none"> • Topo PPT and notes • Google maps • Topo worksheet 	Finish Topo worksheet
Sept 11/12	<ul style="list-style-type: none"> • Bell Work- safety symbols • Safety quiz • Introduce Mapping <ul style="list-style-type: none"> ○ Notes in Schoology 	Finish Safety Symbol and Asian Map worksheets
Sept 9/10	SGM part 1 and 2 finish poster	Study for safety test Quizizz 134603
Sept 5/6	<ul style="list-style-type: none"> • Lab Safety instruction, video • Lab safety “propaganda” poster 	Sign policy letter and lab safety contract Due Mon/Tue Nasa worksheet
Sept 3/4	<ul style="list-style-type: none"> • Class norms and expectations • Policy letter and Safety contract distributed to be signed • Nasa activity 	