

PLAN of the DAY:

0) Students absent Tuesday/ Wednesday ONLY: Poster Presentation (Unit 2 Review: page 96, Think Outside the Book #2, 2nd box). Applies only to a few students.

1) Unit 4, Lessons 1-3. (Last formally assigned readings from text.)

2) HIGHLY RECOMMENDED: Unit 4, Lessons 4-7 (especially Lesson 7, Climate Change).

3) Extra Credit with restrictions: Lesson 6, Climate, and Lesson 7, Climate Change.

<p>ESS2.A: Earth's Materials and Systems</p> <ul style="list-style-type: none"> The planet's systems interact over scales that range from microscopic to global in size, and they operate over fractions of a second to billions of years. These interactions have shaped Earth's history and will determine its future.
<p>ESS2.C: The Roles of Water in Earth's Surface Processes</p> <ul style="list-style-type: none"> Water's movements—both on the land and underground—cause weathering and erosion, which change the land's surface features and create underground formations.
<p>ESS2.C: The Roles of Water in Earth's Surface Processes</p> <ul style="list-style-type: none"> Water continually cycles among land, ocean, and atmosphere via transpiration, evaporation, condensation and crystallization, and precipitation, as well as downhill flows on land. Global movements of water and its changes in form are propelled by sunlight and gravity.
<p>ESS2.C: The Roles of Water in Earth's Surface Processes</p> <ul style="list-style-type: none"> Variations in density due to variations in temperature and salinity drive a global pattern of interconnected ocean currents. <p>ESS2.D: Weather and Climate</p> <ul style="list-style-type: none"> Weather and climate are influenced by interactions involving sunlight, the ocean, the atmosphere, ice, landforms, and living things. These interactions vary with latitude, altitude, and local and regional geography, all of which can affect oceanic and atmospheric flow patterns. The ocean exerts a major influence on weather and climate by absorbing energy from the sun, releasing it over time, and globally redistributing it through ocean currents.
<p>ESS2.C: The Roles of Water in Earth's Surface Processes</p> <ul style="list-style-type: none"> The complex patterns of the changes and the movement of water in the atmosphere, determined by winds, landforms, and ocean temperatures and currents, are major determinants of local weather patterns. <p>ESS2.D: Weather and Climate</p> <ul style="list-style-type: none"> Because these patterns are so complex, weather can only be predicted probabilistically.

Mar 29-3:15 PM

ONLY IF YOU WERE ABSENT TUESDAY-WEDNESDAY!

PRODUCT ASSIGNMENT as MODIFIED below: Think Outside the Book (page 96)

Recall, incomplete posters were HOMEWORK over the spring break!

Think Outside the Book

2 Synthesize Complete the circled activity to help synthesize what you have learned in this unit.

Using what you learned in lessons 1 and 2, make a flipbook that shows how an earthquake along a fault near a subducting plate might affect the ocean water above it.

Using what you learned in lessons 1 and 3, make a poster presentation describing how the temperature of ocean water is important to distributing energy as heat around the global ocean.

Place in the TAN MORIN BIN, now.

Two (2) students turned in **NAMELESS POSTERS** in the **BLUE MORIN BIN** on Tuesday. I do NOT grade nameless work placed in the **WRONG BIN**.

Mar 29-3:15 PM

ALL STUDENTS should be working on the following **NOW**:

Unit 4: Weather and Climate:

Lesson 1 Elements of Weather. Read pages 154-162. Answer questions 1-21 (omit 12).

Lesson 2 Clouds and Cloud Formation Read pages 164-174. Answer questions 1-23 (omit 12, 17 & 18).

STEM: Evaluating Technological Systems pages 176-177. Answers questions 1 & 2.

Lesson 3 What Influences Weather Read pages 180-192. Answer questions 1-25 ALL

TAKE YOUR **SPACE SCIENCE** and **DYNAMIC EARTH** workbooks with you to **PLACE IN YOUR LOCKER** for later use! Some Space Science and Dynamic Earth workbooks are **STILL** in this classroom!

Mar 29-3:15 PM

EXTRA CREDIT OPPORTUNITY with RESTRICTIONS:

Complete Unit 4, Lesson 6, **CLIMATE**, read pages 225-236, and answer questions 1-29 (omit 8) for 10 points.

Complete Unit 4, Lesson 7, **CLIMATE CHANGE**, read pages 238-252 and answer questions 1-29 (omit 23) for 10 points.

RESTRICTIONS:

You may **ONLY** receive **EXTRA CREDIT** if you have **completed ALL** of the work leading **UP TO** Lessons 6 & 7 **FOR CREDIT**
Unit 4, Lessons 1, 2 AND 3 MUST BE COMPLETED ON TIME!

Apr 20-6:27 AM

Unit 4: Weather and Climate:

Lesson 1 Elements of Weather. Read pages 154-162. Answer questions 1-21 (omit 12).

Lesson 2 Clouds and Cloud Formation Read pages 164-174. Answer questions 1-23 (omit 12, 17 & 18).

STEM: Evaluating Technological Systems pages 176-177. Answers questions 1 & 2.

Lesson 3 What Influences Weather Read pages 180-192. Answer questions 1-25 ALL

DUE DATES:

APRIL 24th, B-day

APRIL 25th, A-day

Mar 29-3:15 PM

REMINDER: DURING 4th QUARTER

I NO LONGER accept **LATE assignments**
UNLESS due to reasonable absence or as noted
on the following page.

All assignments **MUST BE ON TIME** or **EARLY**.

NO EXCEPTIONS!

Mar 29-3:15 PM

The first set of assignments below were started 3rd quarter. If you scored less than the total point value (circled), you may complete to update and "fix" your score by May 1st (B-day) & May 2nd (A-day).

04/03 PROC Pts: 19.00 Wgt: 1.00 READ Unit 2, Oceanography: Lesson 1 Earth's Oceans and the Ocean Floor, pages 52-62. Answer Questions 1 - 19 (omit 14).	04/03 PROC Pts: 22.00 Wgt: 1.00 Unit 3, Earth's Atmosphere: Lesson 3 Wind in the Atmosphere, pages 132 - 142. Answer Questions 1 - 22 (omit 9, 14 & 15).	04/05 PROC Pts: 22.00 Wgt: 1.00 READ Unit 2, Oceanography: Lesson 2 Ocean Waves, pages 66 - 76. Answer Questions 1 - 22 (omit 13 & 14).	04/05 PROC Pts: 26.00 Wgt: 1.00 READ Unit 2, Oceanography: Lesson 3 Ocean Currents, pages 80 - 92. Answer Questions 1 - 26 (omit 17 & 18).
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The second set of assignments below **MUST BE COMPLETED ON TIME** for full credit.

04/19 PROD Pts: 30.00 Wgt: 1.00 Unit 2: Global Transfer of Energy through Global Oceans Poster Presentation (Page 96, 2nd checkbox)	04/25 PROC Pts: 21.00 Wgt: 1.00 Unit 4: Weather and Climate: Lesson 1 Elements of Weather. Read pages 154-162. Answer questions 1-21 (omit 12).	04/25 PROC Pts: 23.00 Wgt: 1.00 Unit 4: Weather and Climate: Lesson 2 Clouds and Cloud Formation Read pages 164-174. Answer questions 1-23 (omit 12, 17 & 18).	04/25 PROC Pts: 2.00 Wgt: 1.00 Unit 4: Weather and Climate: STEM - Evaluating Technological Systems pages 176-177. Answers questions 1 & 2.	04/25 PROC Pts: 25.00 Wgt: 1.00 Unit 4: Weather and Climate: Lesson 3 What Influences Weather Read pages 180-192. Answer questions 1-25 ALL	05/02 PROC Pts: 0.00 Wgt: 1.00 EXTRA CREDIT: Complete Unit 4, Lesson 6, CLIMATE, read pages 225-236, and answer questions 1-29 (omit 8)	05/02 PROC Pts: 0.00 Wgt: 1.00 EXTRA CREDIT: Complete Unite 4, Lesson 7, CLIMATE CHANGE, read pages 238-252 and answer questions 1-29 (omit 23)
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Apr 20-2:21 PM

Attachments



WeatherThings_Climate+Change_2Mb.mp4