

PLAN of the DAY:

1) Collect **TEST RECOVERY** for absent students. (12A, 78A, 12B, 36B, 78B)

2) Video Weather Things Climate and Climate Change

3A) CHECK Unit 3 Lesson 3 and Unit 2 Lesson 1 Question/Answers.

3B) Continue working on the Unit 2 READINGS & QUESTIONS. Lessons 2 & 3 will be checked 1st meeting, 4th quarter.

4) Start/Continue/Finish Poster Presentation (Unit 2 Review: page 96, Think Outside the Book #2, 2nd box)

ESS2.A: Earth's Materials and Systems

- 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.

ESS2.C: The Roles of Water in Earth's Surface Processes

- Water's movements—both on the land and underground—cause weathering and erosion, which change the land's surface features and create underground formations.

ESS2.C: The Roles of Water in Earth's Surface Processes

- 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.

ESS2.C: The Roles of Water in Earth's Surface Processes

- Variations in density due to variations in temperature and salinity drive a global pattern of interconnected ocean currents.

ESS2.D: Weather and Climate

- 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.

ESS2.C: The Roles of Water in Earth's Surface Processes

- 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.

ESS2.D: Weather and Climate

- Because these patterns are so complex, weather can only be predicted probabilistically.

Mar 29-3:15 PM

Students who were absent Friday/
Monday for Unit 2 Test recovery and
recovered on Tuesday/Wednesday,
please turn in your **Unit 2 TEST
RECOVERY NOW!**

Place your recovered test in the **TAN
MORIN BIN** at the front of the room
with the label **Unit 2 Test**.

Mar 29-3:15 PM

Today, you will watch the video:

Weather Things: Climate and Climate Change.

This video combines the topic for the current unit, Climate, with the topic for our 4th quarter unit, Climate change. If you are current with your readings, many of the topics will be familiar. As you watch the video, recall what you have learned from your readings about what factors create climate.

Consider human contributions to those factors that control climate.

Think about **Causes** → **Effects** → **Solutions** as you watch.


Take good notes!

Mar 29-3:15 PM

Weather Things: Climate and Climate Change

Video Topics:

Pay close attention to the underlined items

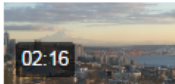
 03:10 **Climate**
Defines different kinds of climates and the relation of ...

 01:38 **Air Mass**
Assesses the effect that air pressure has on weather.

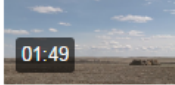
 02:22 **Climate Change**
Describes the various ways climate zones can change over ...

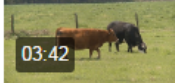
 03:12 **Human Effects on Climate**
Highlights human caused climate change. The segment focuses ...




 02:16 **Carbon Dioxide**
Profiles the most common cause of climate change.

 03:42 **The Warming Oceans**
Focuses on how climate change increases the temperature of ...

 01:49 **Consequences of Climate Change**
Imparts the impact climate change has on human health, ...

 03:42 **Measuring Climate Change**
Discerns the various processes used to measure climate ...

 03:04 **Predicting Climate Change**
Depicts climate modeling and shifting weather patterns. The

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During/After the video, CHECKING:

Unit 3, Earth's Atmosphere:

Lesson 3 Wind in the Atmosphere, pages 132 - 142. Answer Questions 1 - 22 (omit 9, 14 & 15).

AND, Unit 2, Oceanography:

Lesson 1 Earth's Oceans and the Ocean Floor, pages 52-62. Answer Questions 1 - 19 (omit 14).

EXTRA CREDIT: Question 14 on a separate paper.

Start/Continue/Finish:

Lesson 2 Ocean Waves, pages 66 - 76.

Answer Questions 1 - 22 (omit 13, 14 and 17), and

Lesson 3 Ocean Currents, pages 80 - 92. Answer Questions 1 - 26 (omit 12, 17 & 18) are due the beginning of 4th Quarter.

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PRODUCT ASSIGNMENT as MODIFIED below:

Think Outside the Book (page 96)

AFTER Unit 2 completed.

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.

Due dates:

April 18 (B-day) &

April 19 (A-day)

SO, Plan to

**FINISH BEFORE
SPRING BREAK!**

Mar 29-3:15 PM

END OF 3RD QUARTER!

**We are in the HOMESTRETCH
to becoming 7th graders**

(Well, you are, not Mrs. Morin)

Mar 29-3:15 PM

For those WAY ahead of the curve:

Unit 4: Weather and Climate:

Lesson 1, 154-162

Lesson 2, 164-174

Lesson 3, 180-192

**ALL STUDENTS: TAKE YOUR SPACE SCIENCE and
DYNAMIC EARTH workbooks with you to
PLACE IN YOUR LOCKER for later use!**

Last Page

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Attachments



WeatherThings_Climate+Change_2Mb.mp4