

Plan for the Day:

1) If you have **NOT** already done so, please turn in your Inside Earth 3D Model Rubric (product grade) and Research Notes (process grade) in the **TAN MORIN BIN**. (Your models have already been assessed)

2) Today is the first day of **WINTER!** BrainPop video Solstice and Equinox

3) **CONTINUE** Tectonic Plates part of unit:

- a) Read Unit 4 Lesson 2 (pages 200-212). Answer questions 1-22
- b) Read Unit 4 Lesson 3 (pages 216-224). Answer questions 1-19

Unit 2 Disciplinary Core Ideas*ESS2.A: Earth's Materials and Systems*

- All Earth processes are the result of energy flowing and matter cycling within and among the planet's systems. This energy is derived from the sun and Earth's hot interior. The energy that flows and matter that cycles produce chemical and physical changes in Earth's materials and living organisms.

ESS1.C: The History of Planet Earth

- Tectonic processes continually generate new ocean sea floor at ridges and destroy old sea floor at trenches. (HS.ESS1.C GBE),(secondary)

ESS2.B: Plate Tectonics and Large-Scale System Interactions

- Maps of ancient land and water patterns, based on investigations of rocks and fossils, make clear how Earth's plates have moved great distances, collided, and spread apart.

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In celebration of the first day of winter, watch the BrainPop video:

Solstice and Equinox

<https://www.brainpop.com/science/earthsystem/solsticeandequinox/>

(Might come in handy for the county mid-course exam. Take **NOTES!**)

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**NOW you will CONTINUE to learn about
Tectonic Plates:**

**My Tectonic Plate Song (reviewed last class)
contains much of the vocabulary you must know**

CONTINUE to:

- a) Read Unit 4 Lesson 2, Plate Tectonics (pages 200-212). Answer questions 1-22 (omit 10).
- b) Read Unit 4 Lesson 3, Mountain Building (pages 216 - 224). Answer questions 1-19 (omit 11).
- c) Read Unit 4 Lesson 4, Volcanoes (pages 226-236). Answer questions 1-22 (ALL).

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