

Plan of the Day:

1) **TURN IN** Interpreting the Geologic Time Scale & History of the Earth Sequencing Activity done last class (**BLUE MORIN BIN**).

2) **FINISH: READ & ANSWER QUESTIONS** Unit 2, Lessons 1-4 (DUE 2/17, A-day & 2/21, B-day).

3) **START** Unit 3, **READ & ANSWER QUESTIONS** Lessons 2 & 3.

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.

4) **Make a Three Tab Foldable: IGNEOUS, SEDIMENTARY & METAMORPHIC Rocks**

Feb 7-6:18 AM

PLACE your:

Interpreting the Geologic Time Scale

and your

History of the Earth Sequencing Activity

done last class in the **BLUE MORIN BIN**

now.

Make sure your **NAME, CLASS** and **DATE** are on **EACH (2)** handout.

Feb 15-6:42 AM

First assigned Jan 30th & 31st. Whatever is NOT DONE becomes STUDENT-ASSIGNED HOMEWORK

Unit 2: EARTH'S HISTORY

Lesson 1: Geologic Change Over Time

Pages 78-90 Questions 1-27 (omit 19)

Lesson 2: Relative Dating

Pages 92-103 Questions 1-24 (omit 5, 16)

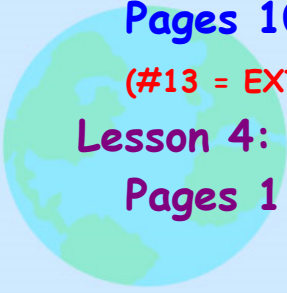
Lesson 3: Absolute Dating

Pages 106-116 Questions 1-19 (omit 13)

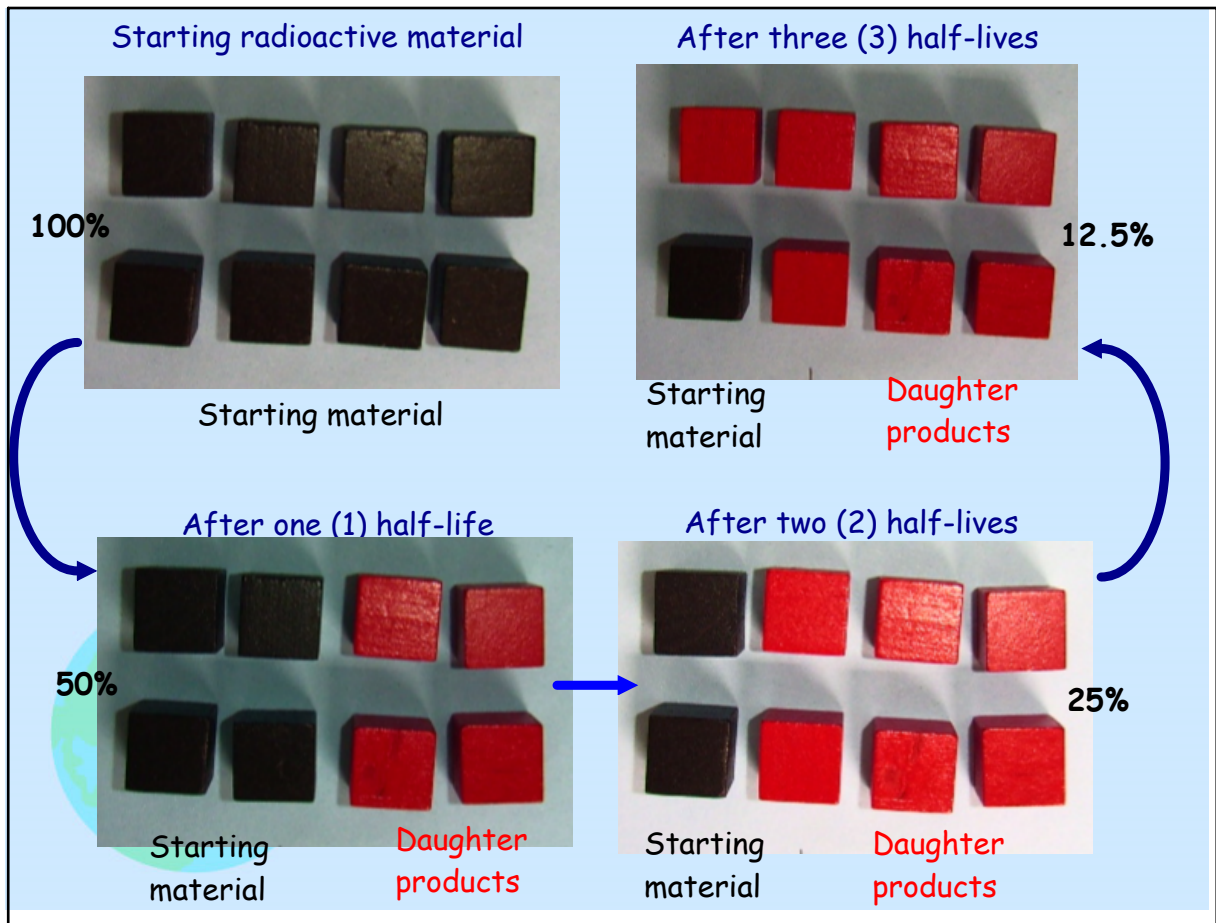
(#13 = EXTRA CREDIT if convincing)

Lesson 4: The Geologic Time Scale

Pages 118-128 Questions 1-20 (omit 15)



Feb 8-2:24 PM



Feb 16-6:07 AM

Due date for ALL readings and questions:

NEXT CLASS MEETING, during 2nd, 6th & 8th periods, I will start checking (during the last 40 minutes) for completion.

Unit 3: Minerals and Rocks

Lesson 2: The Rock Cycle

Pages 154-164 Questions 1-23 (omit 18 & 19)

Lesson 3: Three Classes of Rocks

Pages 170-180 Questions 1-20 (omit 16)

DUE DATE: Feb 28 (A-day) & Mar 1 (B-day)

Feb 9-6:36 AM

Three Tab Foldable:

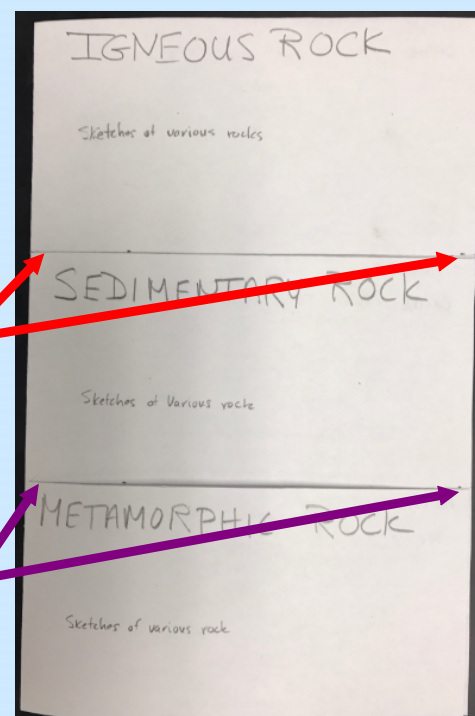
IGNEOUS, SEDIMENTARY & METAMORPHIC Rocks

To make your 3 Tab Foldable, fold an 8-1/2" x 11" sheet of paper in half as shown.

Measure and use a pencil to mark along the fold and the opposite side 7.2 cm. Connect the marks with a line.

Measure and use a pencil to mark along the fold and the opposite side 14.4 cm. Connect the marks with a line.

Cut along each line to the fold only.



Feb 14-2:47 PM

ON THE FRONT, Label each tab, **IGNEOUS**, **SEDIMENTARY** and **METAMORPHIC**.

On **EACH** tab, sketch a few (3) representative depictions of each rock type. Use your book or the old **INSIDE EARTH** text for ideas.

Then, **OPEN** your 3-Tab foldable to add information.



IGNEOUS ROCK
 Three or more illustrations showing the various features that distinguish this rock from the other two groups

SEDIMENTARY ROCK
 Three or more illustrations showing the various features that distinguish this rock from the other two groups

METAMORPHIC ROCK
 Three or more illustrations showing the various features that distinguish this rock from the other two groups

Feb 14-3:03 PM

OPEN your 3-Tab foldable and mark each side at **7.2 cm** and **14.4 cm** making a mark at each measure. **Connect with a line.**

USE your text and/or the **INSIDE EARTH** text to gather information. Characteristics should include features that can help you **IDENTIFY** the rock from a sample of rocks.

<p>IGNEOUS</p> <p>Define how this rock forms and the features that characterize it.</p>	<p>USES</p> <p>7.2</p> <p>7.2</p>
<p>SEDIMENTARY</p> <p>Define how this rock forms and the features that characterize it.</p>	<p>USES</p> <p>14.4</p> <p>14.4</p>
<p>METAMORPHIC</p> <p>Define how this rock forms and the features that characterize it.</p>	<p>USES</p>

This assignment will be a PRODUCT GRADE

Feb 14-3:18 PM

**DUE DATE TO BE
DETERMINED!**



Feb 14-3:18 PM