

Plan of the Day:

0) LATE (10% grade reductions) **TURN IN** Interpreting the Geologic Time Scale & History of the Earth Sequencing Activity done last class (**BLUE MORIN BIN**).

2) I will **CHECK:** **QUESTIONS** Unit 2, Lessons 1-4 (DUE today 2/17, A-day & 2/21, B-day).

3) Continue Unit 3, **READ & ANSWER QUESTIONS** in 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) **START:** Three Tab Foldable: **IGNEOUS, SEDIMENTARY & METAMORPHIC** Rocks

Feb 7-6:18 AM

If you did not turn your:

Interpreting the Geologic Time Scale

and your

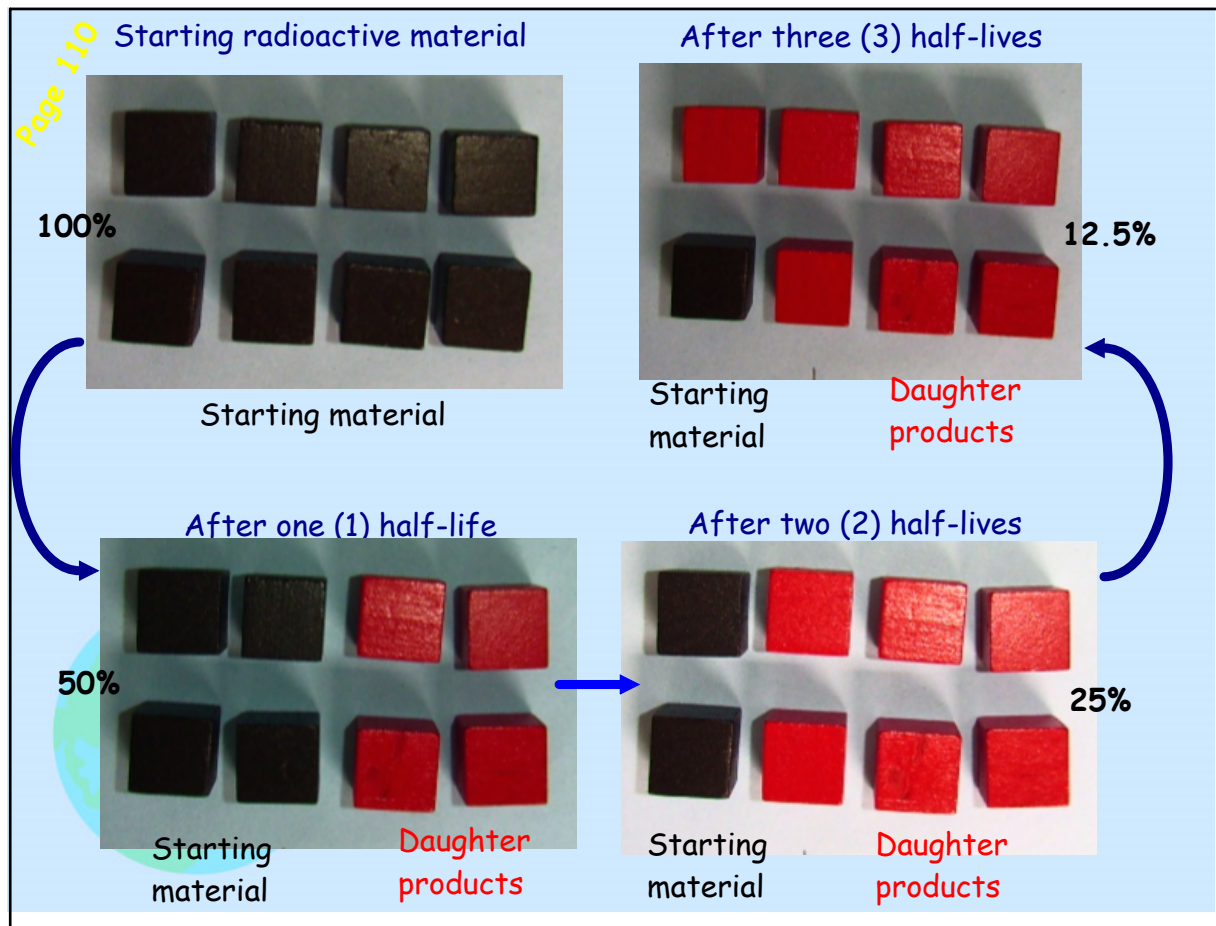
History of the Earth Sequencing Activity

done Monday/Tuesday, please place it in the **WHITE LATE BIN** now.

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

A 10% reduction (late grade) of the grade you earn will be recorded in HAC.

Feb 15-6:42 AM



Feb 16-6:07 AM

**First assigned Jan 30th & 31st. Became
STUDENT-ASSIGNED HOMEWORK last class.**

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

Due date for ALL readings and questions:

TODAY, during 2nd, 6th & 8th periods, I will check Unit 2 for completion.

Start working on Unit 3: Minerals and Rocks

Lesson 2: The Rock Cycle

Pages 154-164 Questions 1-23 (omit 6, 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:

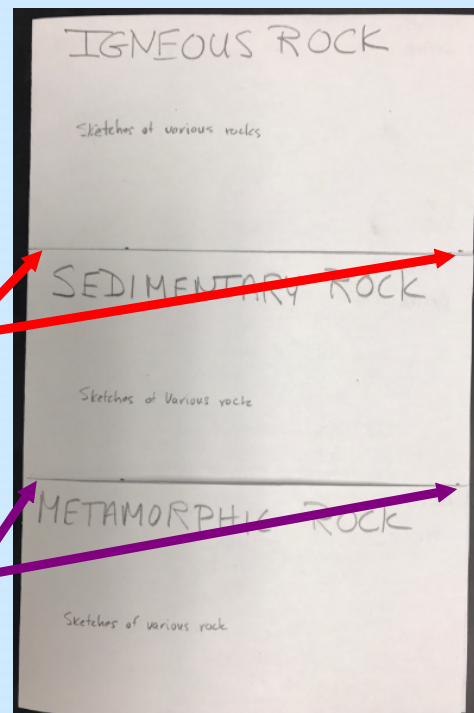
IGNEOUS, SEDIMENTARY & METAMORPHIC Rocks

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, Chapter 5, for ideas for the illustrations required for all three rock types.

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, **Chapter 5**, to gather information. Characteristics should include features that help you **IDENTIFY** the rock in a set of unknown rock samples.

<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!

The three (3) tab foldable on **IGNEOUS**, **SEDIMENTARY** and **METAMORPHIC** Rocks will be your **KEY** for distinguishing rock type in a future **Rock Identification Laboratory**.

I will post the due date once I know the date of the **Rock Identification Laboratory**. Both assignments will be collected concurrently (at the same time).

Feb 14-3:18 PM