

Plan of the Day:

1) PLACE your Dynamic Earth workbook ON THE FLOOR next to my desk (see ORANGE signs) so that I may check the Unit 3, QUESTION ANSWERS to Lessons 2 & 3.

2) Complete the CLASSIFYING ROCKS into MAJOR GROUPS Laboratory using the foldable you made during the last two classes.

3) RETURN all rocks to the box at your table.

4) Sign out your EARTH'S WATER and ATMOSPHERE workbook and start UNIT 1 if you complete the lab before class ends.

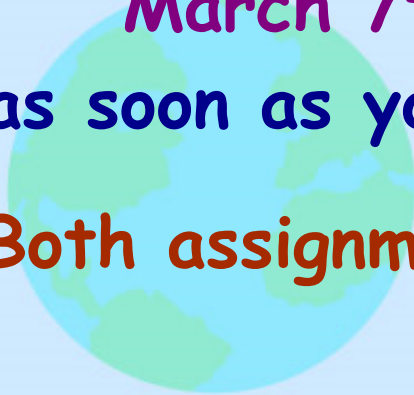
You may work with a table partner, but, **MUST** turn in your **OWN LAB** and **FOLDABLE**. The **CLASSIFYING ROCKS** into **MAJOR GROUPS** Laboratory and the **IGNEOUS-SEDIMENTARY-METAMORPHIC ROCK** foldable (you made during the last two class meetings) are due:

March 6th (A-day) or

March 7th (B-day)

as soon as you enter class

Both assignments are **PRODUCT** grades.



EACH table group has a brown box with the rocks you need to identify.

Each rock sample has a number on it.

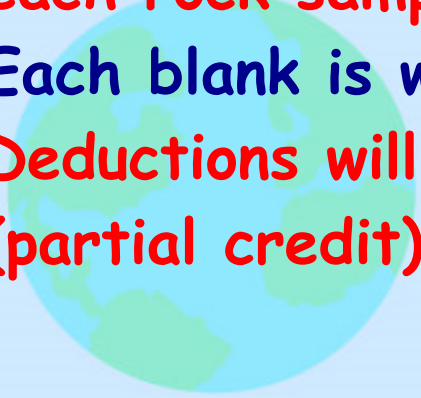
Be sure to record the number in the "SAMPLE #" column **BEFORE** you draw your illustrations and describe each rock in words (vocabulary).

You **MUST** complete the first **FOUR** columns of information before leaving class.

You will have **ONLY** your foldable to determine what each rock sample is.

Each blank is worth **1** point (30 points total).

Deductions will be made for missing information (partial credit) or missing information (no credit)



Today, you will use your foldable to help you identify 6 different rocks as **IGNEOUS**, **SEDIMENTARY**, or **METAMORPHIC**. The order in which you **RECORD** and **COMPLETE** each unknown rock sample is not important.

You **MUST** do **ALL SIX (6)** samples, however.

Use the handout shown below:

Name: _____ Class: _____ Date: _____

Classifying Rocks into Major Groups

Classifying rocks into the three major groups is not always easy—for some rocks it can be difficult for anyone but a geologist. However, many rocks may be classified if you know the important characteristics of each major group: **IGNEOUS**, **SEDIMENTARY** and **METAMORPHIC**. Think about the characteristics you researched and recorded for each major group of rocks in your **IGNEOUS-SEDIMENTARY-METAMORPHIC** Rock Foldable. Then examine the rocks at your observation station and use these characteristics to help you classify the rocks. The **FOLDABLE** and **COMPLETED LAB HANDOUT** are due the beginning of our **NEXT** class meeting.

Sample #	Illustrate Unmagnified	Illustrate Magnified	Description of Observations	Major Group

Sample #	Illustrate Unmagnified	Illustrate Magnified	Description of Observations	Major Group

Be sure to draw and write in the space that matches the number on the rock sample.



Here are the instructions from the top of the lab sheet:

Classifying rocks into the three major groups is not always easy—for some rocks it can be difficult for anyone but a geologist.

But for many rocks, you can determine their classification if you know the **important** characteristics of each major group, **IGNEOUS**, **SEDIMENTARY** and **METAMORPHIC**.

Think about the characteristics you researched and recorded for each major group of rocks in your **IGNEOUS-SEDIMENTARY-METAMORPHIC Rock** foldable.

Then examine the rocks at your observation station and use these characteristics to help you classify the rocks.

The **FOLDABLE** and **COMPLETED LAB HANDOUT** are due at the **BEGINNING** of our **NEXT class meeting**.

Draw a picture using your unaided eye.

Draw a picture using a microscope or magnifying glass

Describe the features you see (vocabulary)

Identify the sample by your evidence

Name: _____ Class: _____ Date: _____

Classifying Rocks into Major Groups

Classifying rocks into the three major groups is not always easy—for some rocks it can be difficult for anyone but a geologist. But for many rocks, you can determine their classification if you know the important characteristics of each major group, **IGNEOUS**, **SEDIMENTARY** and **METAMORPHIC**. Use the characteristics you researched for each major group of rocks on your Rock-Rock Cycle foldable. Then examine the rocks at your observation station and use these characteristics to help you classify the rocks. Place both your **FOLDABLE** and this **COMPLETED HANDOUT** in the **TAN MORIN BIN** at the end of class.

Sample #	Illustrate Unmagnified	Illustrate Magnified	Description of Observations	Major Group

NOTE: There are 6 samples; 4 through 6 are on the other side.

Draw a picture using your unaided eye.

Draw a picture using a microscope or magnifying glass

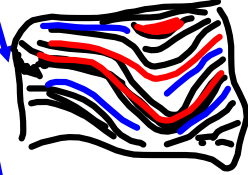
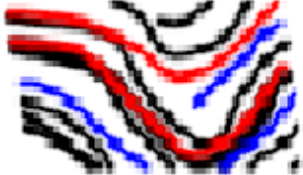
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Classifying Rocks into Major Groups

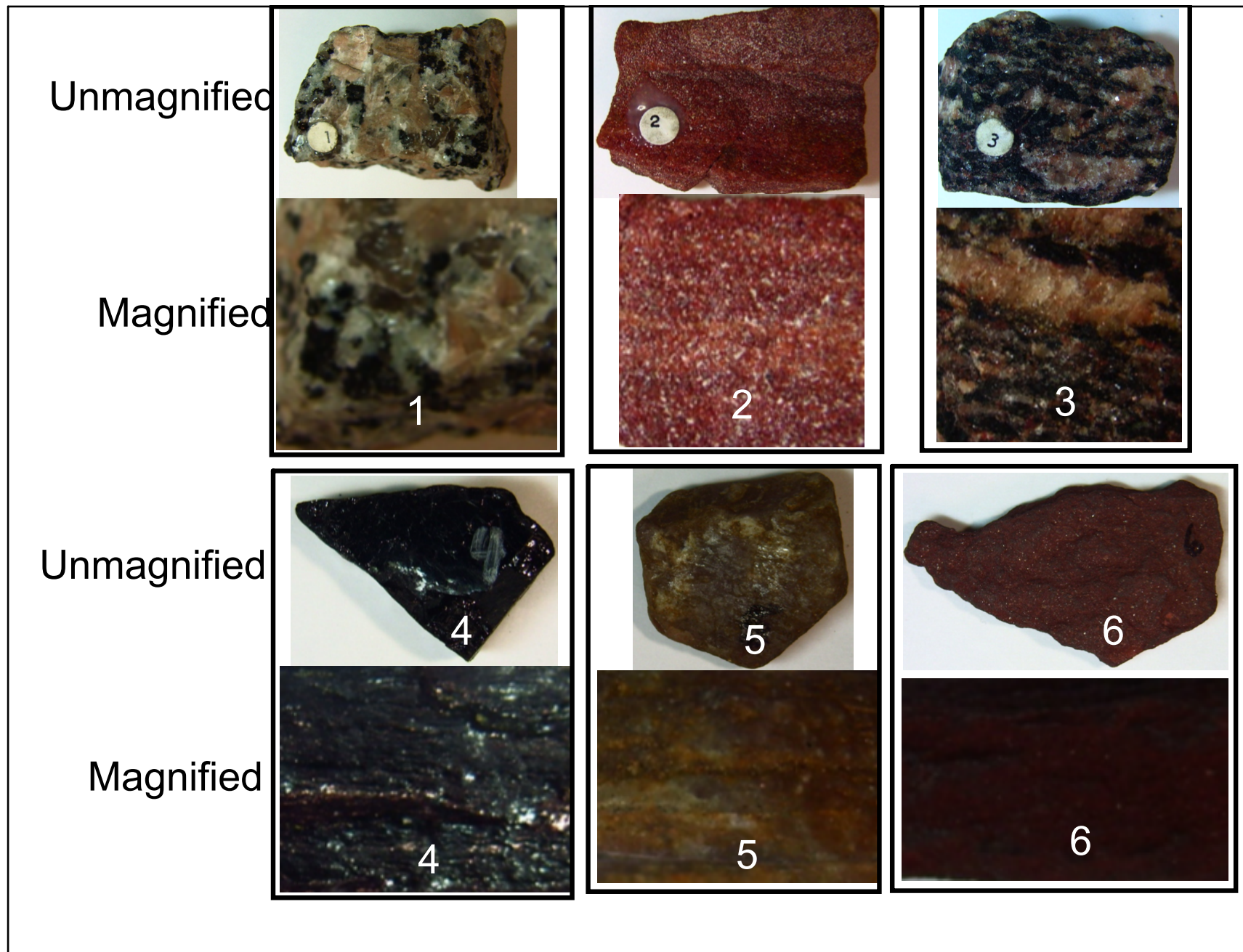
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9			Coarse grains appear flattened Foliated, distorted	Metamorphic M

NOTE: There are 6 samples; 4 through 6 are on the other side.

Students who are ABSENT for this **laboratory MUST MAKE IT UP using the pictures of the rock samples on the following page AND your **foldable**.**

Those students have FIVE (5) days to complete the assignment as homework per county policy.



Mar 14-3:47 PM

If you have completed your Classifying Rocks Lab AND your IGNEOUS- SEDIMENTARY- METAMORPHIC Rock foldable before class ends, you MAY place BOTH in the TAN MORIN BIN.

Make sure your NAME & CLASS are on EACH item you turn in.

If you have NOT completed the identification part of your lab - you MUST have all the drawings and descriptive information completed today - be prepared to turn in BOTH at the beginning of class:

Monday, March 6th (A-day) or

Tuesday, March 7th (B-day).