

NAME: _____

TEACHER: _____

DATE: _____ CLASS: _____

Is it Intrusive or Extrusive?

Igneous Rocks Assignment

Igneous rocks are classified (grouped) according to: how and where they form, their texture and their composition.

In this interactive assignment you will open a webpage that displays photos and names several igneous rocks. You must be on a computer in order to complete this assignment.

Directions: Open this webpage: [Igneous Rocks](#).

After you have opened the webpage click on each picture and separate the 8 different Igneous Rocks you see on the webpage into one of the 2 columns in the table on page 2.

Your decision as to whether a rock is Extrusive or Intrusive will be based on the way the rock forms (in other words the "Environment of Formation").

Write each rock name in the correct category in the chart.

When reading the description for each rock on the above website, if it does not specifically say whether the rock is extrusive or intrusive, then there should be a word or a phrase that will tell you in which category the rock belongs.

Remember:

Intrusive igneous rocks form from magma that solidifies underground.

Extrusive igneous rocks form from lava that solidifies on the Earth's surface or while being ejected through the air.

Please Note: There are **12** pictures, but **8** different rocks since some rocks appear more than once.

Be sure to check that you have listed 8 different rocks with no duplication of names.

Table 1: Separate the 8 Igneous Rocks into one of the following two categories.

<i>INTRUSIVE IGNEOUS ROCKS</i>	<i>EXTRUSIVE IGNEOUS ROCKS</i>



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