

Rock Types and The Rock Cycle

As the tectonic plates around the world constantly move, the rock that makes up these tectonic plates is constantly changing. Rocks can change from one form into another by forces such as erosion, extreme heat and pressure. Rock makes up the foundation of Canada, and within the rocks of Canada's landform regions, valuable minerals can be found. It is important to understand how the rock cycle works to better understand the make up of Canada's landform regions and how we use the valuable minerals trapped inside the rock.

Task: Your task is to explore the **Interactives – Rock Cycle** website to learn about the three major rock groups and the rock cycle. Answer the questions on this worksheet as you go through the website. You are also required to take the '**Test Skills**' section once all questions are complete.

Instructions:

1. Navigate to the **Interactives – Rock Cycle** website - <http://goo.gl/wROK>
2. Answer the questions in the spaces provided. Follow the outlined instructions to locate the correct pages to find the information.
3. Complete the 'Test Skills' section.

*** Hand in only your results from the 'Test Skills' section ***

*** These handouts stay in your notes***

PART A – Types of Rocks

1. Complete the following chart as you read about the three categories of rocks.

Rock Type	How It Is Formed	Example
IGNEOUS		
SEDIMENTARY		
METAMORPHIC		

2. What five characteristics can help us identify the rocks within the three main classes?

- Click on the '[Next: Start Your Rock Collection](#)' link

3. Complete the following chart for the six rock examples.

Rock	How it is Formed	Where it is Found
Conglomerate		
Limestone		
Obsidian		
Marble		

PART B – How Rocks Change - what are the 4 main ways rocks change?

1

2

3

4

2. In the space below, complete the diagram of **The Rock Cycle**.

