**Unit 6-Metamorphism and Metamorphic Rocks**

**Objectives and Vocabulary**

**Objectives:**

* Describe conditions that must be present for metamorphism to take place
* Predict where most metamorphism takes place
* Distinguish contact and regional metamorphism
* Identify the three agents of metamorphism and explain what changes they cause
* Explain the differences between low grade, intermediate grade, and high grade metamorphism
* Define the term protolith & identify major protoliths described in class
* Distinguish between foliated and non-foliated metamorphic rocks, and explain how foliated metamorphic rocks form
* Classify metamorphic rocks using an ID guide
* Classify/distinguish between metamorphic, igneous, and sedimentary rocks given rock samples

**Vocabulary:**

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| Metamorphism | Magma | Lava | Contact metamorphism |
| Regional metamorphism | Hydrothermal solution | Recrystallization | Metamorphic rock |
| Protolith | Lithostatic pressure | Foliated metamorphic rock | Nonfoliated metamorphic rock |