**Unit 2 Vocabulary**

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| ***Word*** | ***Definition*** | ***Picture/Example*** |
| **Magma/Lava** |  |  |
| **Fossil**  |  |  |
| **Composition** |  |  |
| **Texture** |  |  |
| **Rock Cycle** |  |  |
| **Weathering** |  |  |
| **Erosion** |  |  |
| **Igneous** | When hot, liquid rock cools and solidifies |  |
| **Metamorphic** | Rocks that have been changed over a long period of time by pressure and heat |  |
| **Sedimentary** | Sedimentary rocks are formed by sediment that is deposited over time, usually as layers at the bottom of lakes and oceans. |  |
| **Deposition** |  |  |
| **Compaction** | Process where sediments are deeply buried, placing them under pressure because of the weight of other layers. |  |
| **Cementation** | Process where new minerals stick the grains together – just as cement (from a bag) binds sand grains together |  |
| **Extrusive** |  |  |
| **Intrusive** |  |  |
| **Fine-Grained** | You cannot see the mixture of minerals because the rock was cooled/formed quickly |  |
| **Coarse-Grained** | You CAN see the mixture of minerals because the rock was cooled/formed SLOWLY |  |
| **Sediments** | Examples can include: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  |  |
| **Foliated vs. Nonfoliated** |  |  |
| **Heat and Pressure** | This forms \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ types of rocks. |  |
| **Granite and Basalt** | These are both types of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rocks because \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ |  |
| **Paleontology** |  |  |
| **Clastic** | This is a type of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ rock and it is known for \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. |  |
| **AC: Felsic** |  |  |
| **AC: Mafic** |  |  |
| **AC: Conglomerate** |  |  |
| **AC: Appalachian Plateau Region (GA)** |  |  |
| **AC: Valley & Ridge Region (GA)** |  |  |
| **AC: Blue Ridge Region (GA)** |  |  |
| **AC: Piedmont Region (GA)** |  |  |
| **AC: Coastal Plain Region (GA)** |  |  |

**AC: Label the regions of**

**Georgia in the space below**