**Understand: Events within the Earth’s three layers continuously shape and reshape the Earth’s Surfaces**.

* A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ formed, inorganic solid that has a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

Structure.

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a pure \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ that can’t be broken down into \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ substances.

ex. Carbon, \_\_\_\_\_\_\_\_
* A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ is a substance that is made up of \_\_\_\_\_\_\_\_\_\_\_ or more \_\_\_\_\_\_\_\_\_\_\_\_\_\_.

ex. Carbon + 2 Oxygen = \_\_\_\_\_\_\_\_\_\_\_\_\_\_ , Sodium + Chloride = \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are formed when \_\_\_\_\_\_\_\_\_\_, ions, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are arrange in a repeating

 \_\_\_\_\_\_\_\_\_\_\_\_\_.
* A \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ mineral contains \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ and \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. Silicate minerals make up

90% of the Earths \_\_\_\_\_\_\_\_\_\_\_\_\_. Ex. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.
* \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ minerals \_\_\_\_\_ \_\_\_\_\_\_ contain \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

Ex. \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_

* \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is the way the surface \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ light. Three main categories \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, bright

and \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_, silky \_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_ (and See page 340 in your text book),

and Sub\_\_\_\_\_\_\_\_\_\_\_ which is \_\_\_\_\_\_\_\_\_\_\_ and/or \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

* Streak is the \_\_\_\_\_\_\_\_\_\_\_\_\_ the \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ left behind when a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ is rubbed on a

\_\_\_\_\_\_\_\_\_\_\_\_\_ plate.
* Cleavage is when a mineral breaks in a \_\_\_\_\_\_\_\_\_\_\_\_ smooth, \_\_\_\_\_\_\_\_\_\_ surface. Ex. \_\_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_, when a \_\_\_\_\_\_\_\_\_\_ breaks \_\_\_\_\_\_\_\_\_\_\_\_\_, \_\_\_\_\_\_\_\_\_\_\_\_\_\_ or in an irregular pattern. Ex. \_\_\_\_\_\_\_\_\_
* \_\_\_\_\_\_\_\_\_\_\_\_\_ is a mineral’s resistance to being \_\_\_\_\_\_\_\_\_\_\_\_\_\_. If a mineral is soft it can be scratched by a

\_\_\_\_\_\_\_\_\_\_\_\_\_ mineral.
* Moh’s Scale of Hardness – a \_\_\_\_\_\_\_\_\_\_\_\_\_\_ used to determine how hard mineral is. The \_\_\_\_\_\_\_\_\_\_\_\_ the number the harder the mineral. The lower the number the \_\_\_\_\_\_\_\_\_\_\_ the mineral.