

# LAWS (PRINCIPLES) OF GEOLOGIC HISTORY FACT SHEET

Name \_\_\_\_\_ Class \_\_\_\_\_

Law of Superposition

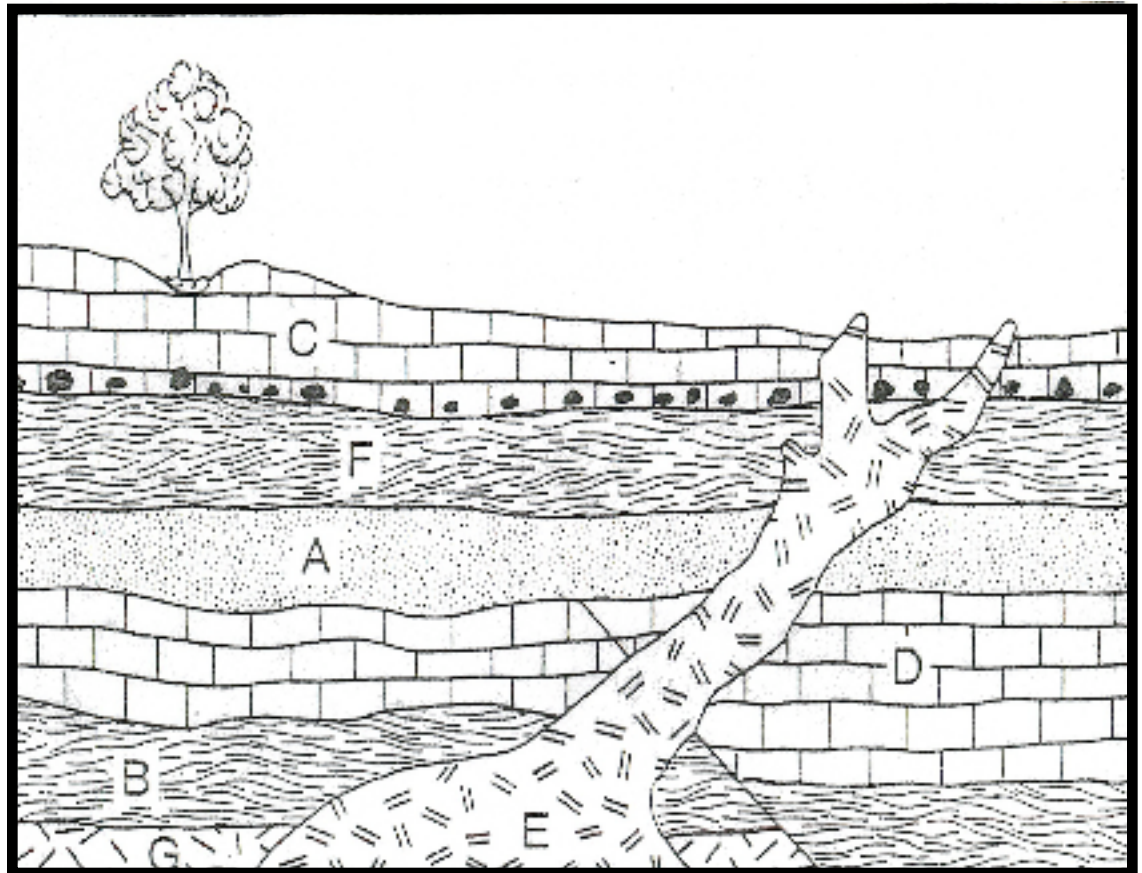
Law of Uniformitarianism

Law of Cross-Cutting

Law of Inclusions

Law of Unconformities

Principle of Folding



**RUN HALF OF THE NUMBER YOU NEED AND CUT IN HALF DOWN THE MIDDLE.**

Pieces of rock found in other layers are **ALWAYS** older.

**Missing rock layers show missing time.**  
Caused by erosion. Usually shown with a wavy line.

Younger rocks are on the top.  
Older rocks are on the bottom.

Anything cutting across a rock layer is **YOUNGER**. The rock had to be there first!  
Cross-Cuts can be **Igneous Intrusions** or **Igneous Extrusions** or **Faulting** (Earthquakes) or **Folding**.

**The Present is the key to the Past.**  
Things happened in the past the same way they happen in the present.

Folding always happens **AFTER** the layers have been deposited. Caused by Tectonic Activity--stress on the plate by convection currents squeezing on the plate.

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