

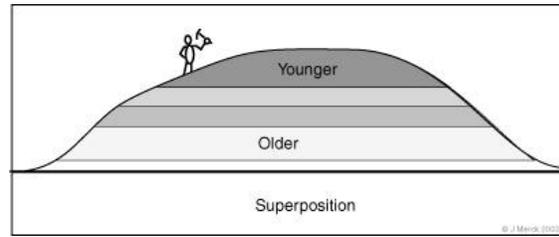
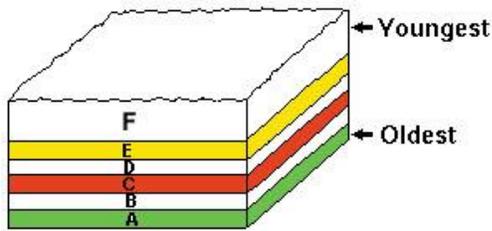
Relative Dating Flip Book Assignment

1. You will need a big piece of white construction paper. Fold it in half lengthwise. Run a glue stick along the fold and glue about the top 1 inch of the paper together at the fold. Mark off every 3 inches along the open edge, and cut to the glue to make flaps. You should now have six little flaps.
2. The title of the book is: Relative Dating. Below that add a subtitle: A method for putting events in the order they happened. The six flaps are labeled: Superposition, Original Horizontality, Lateral Continuity, Cross-cutting, Inclusions, and Faunal Succession.
3. Each flap should have an illustration showing that concept, and a definition should be written under the flap. Use your book, the notes on your lab sheet, and the information below to complete your flip book.

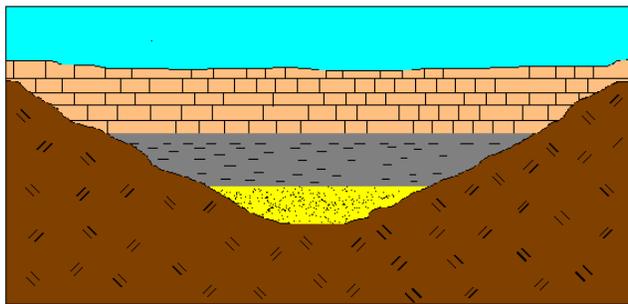
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Superposition – the bottom layer of a rock formation is the oldest, and the top layer is the youngest.



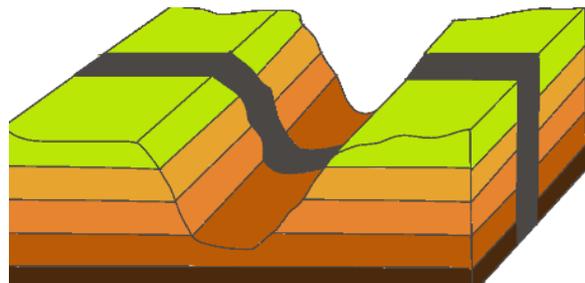
Original Horizontality – sediments fall to the bottom of a body of water because of gravity, form horizontal layers, and eventually turn to layers of rock.



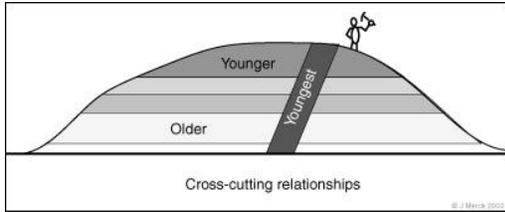
Original Horizontal Strata



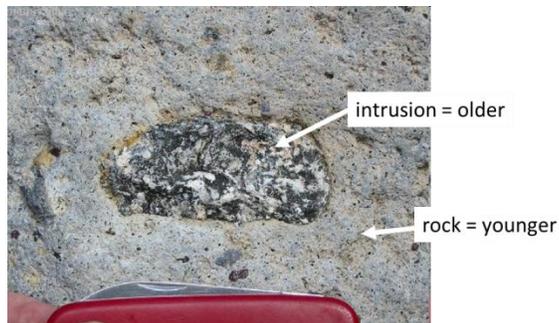
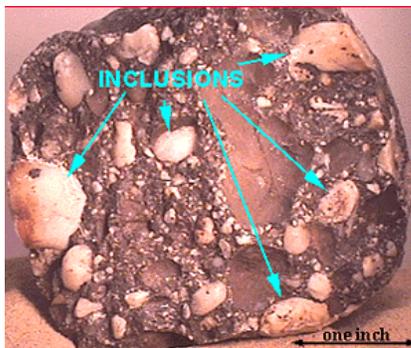
Lateral Continuity – when layers of sediment are formed, they spread in all directions horizontally.



Cross-cutting – a vein of rock that cuts across layers is younger than the layers.



Inclusions – inclusions in a layer are older than the surrounding rock.



Faunal Succession - fossils can be used to identify the relative age of the layers of a rock formation

