

- Caused by Heat & Pressure
- Heat & Pressure comes from inside Earth
- Heat occurs from upper mantle up to a few kilometers up into Earth's crust
- Heat temperatures increase the deeper down
- Earth's plates colliding create Heat & Pressure to metamorphic Rock
- to change a sedimentary Rock, Energy is needed - the Energy is Heat
- Pressure comes from gravity pulling on Earth's crust from above
- Pressure increases with depth.
- Limestone changes to Marble
- Shale changes to Slate

Rocks and minerals

Ig → Sedi

Weathering / EROSION

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Cause? Cause?

Compaction / Cementation

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How? What/how

Does "Cement" naturally occur