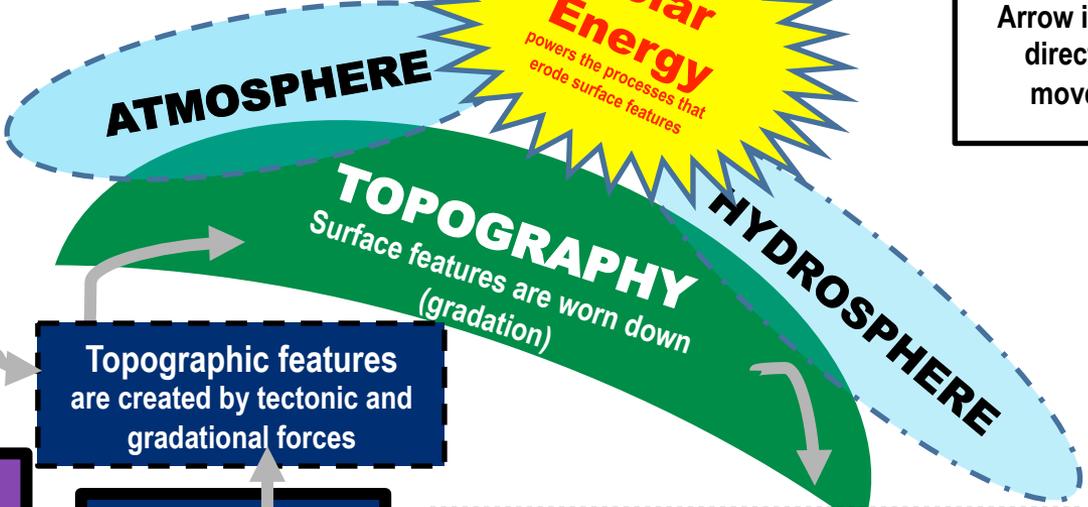
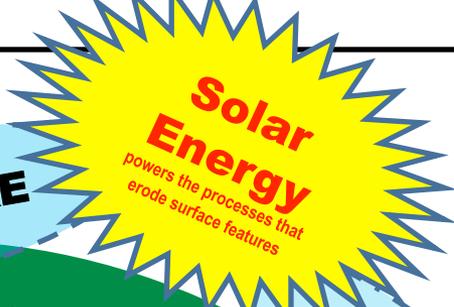


ROCK CYCLE

Arrow indicates direction of movement



Extrusive igneous rocks are created at the surface as lava cools

Topographic features are created by tectonic and gradational forces

At the surface

Eruption of molten rock at the surface (volcanism)

Uncovering of all rocks by uplifting

Formation and collection of sediment

At the surface

Below the surface

Intrusive igneous rocks are created below the surface as magma cools

Burial and Lithification

Below the surface

Sedimentary rocks are created

MAGMA
Collects and moves underground

Metamorphic rocks are created

Transformation of existing solid rock into a new material by the application of great heat, pressure and superheated fluids (metamorphism)

MELTING of rock material occurs deep within the earth

Lava = molten rock on the surface
Magma = molten rock below the surface

Internal Energy (heat from radioactive decay)

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