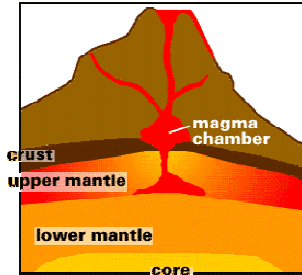


Review: Magma vs. Lava

- **Magma:** where would you find it?
- **Lava:** where would you find it?
- Why 2 words?



Review: Elements & Compounds

- **Element:** substance that cannot be broken down into other substances
 - substance "recipe" has only 1 ingredient
 - Ex: GOLD!!! Is made of gold and nothing else!
- **Compound:** substance made of two or more elements, can be broken down into individual elements
 - substance "recipe" has 2 or more ingredients
 - ex: table salt, can be broken down into sodium and chlorine



Review: Physical vs. Chemical

- **Physical Properties:** any characteristic of a substance that can be observed without changing the substance
 - ex: density, hardness, melting point, boiling point, magnetism, viscosity
- **Chemical Properties:** any characteristic of a substance that to observe results in a change to the substance
 - ex: chemical reactions can change color, state of matter, produce gas, or form new substances
 - like setting something on fire!



Viscosity

- **Viscosity:** a liquid's resistance to flow
 - low viscosity = liquid that easily flows (runny)
 - high viscosity = liquid that is sticky or blocky and does not flow easily



Assignment: Properties of Magma Chart

- At top of page, label assignment.
- Turn your notebook page hotdog style!
- Create your chart to fill the entire page!
 - 6 columns, 2 rows plus headers

Eruption	Rock / Magma Type	Water Content	Silica Content	Viscosity	Land-forms
				Low	
				High	

Properties of Magma

Eruption Type	Rock / Magma Type	Water Content	Silica Content	Viscosity	Land-forms
	Basalt or Rhyolite?	High or low?	High or low?		
				Low (notes)	
				High (notes)	