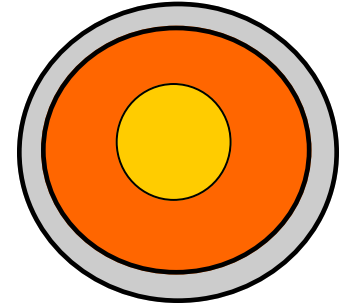


Plate Tectonic Notes

Earth's Layers

1. The Crust

- The _____ layer
- _____ to _____ Km thick
- Made of _____, _____, & _____



2. The Mantle

- Layer of Earth between the _____ and _____
- Contains most of the Earth's _____
- Has more _____ and less _____ & _____ than the Earth's crust
- Is _____ than the _____

3. The Core

- Located _____ the _____ and to the center of the Earth
- Believed to be mostly made of _____

Plate Tectonics

- Greek word _____, of a builder
- Pieces of _____ that move around
- Each plate has a _____
- Fit together like _____
- Float on top of the _____ like _____ in a bowl of _____

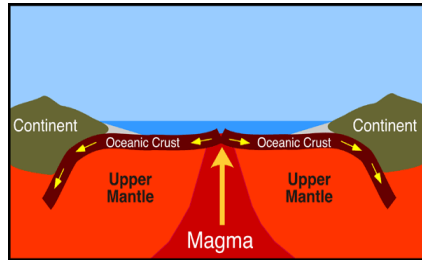
Glue this side
down into your
science notebook.

“A dot is a lot!”

Liz LaRosa
5th grade science
www.middleschoolscience.com
2010

Continental Drift

1. _____ 1900's
2. Continents were once a single _____
_____ that _____ apart.
3. _____ of the same plants and animals
are found on different _____
4. Called this supercontinent _____,
Greek for "_____"
5. _____ Million years ago
6. Split again – _____ & _____,
_____ million years ago



Sea Floor Spreading

1. _____ underwater
mountain chains that run through the Earth's

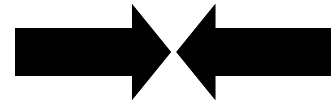
2. _____ rises to the _____ and
solidifies, new _____ forms
3. _____ crust is pushed _____
away from the ridge

Different types of plate boundaries



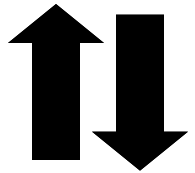
1. _____ **Boundary** – plates are moving
_____ from each other
 - _____ Plate and _____ Plate
 - _____ Plate and _____ Plate
 - Divergent Boundary – _____
 - Divergent Boundary – _____

2. _____ **Boundary** – plates
are moving _____ each other



- _____ and _____ Plates
- Convergent Boundary – _____ & _____
- Convergent Boundary – _____ & _____
- Convergent Boundary – _____

3. _____ **Boundary** – plates slide
_____ each other



- _____ Fault, in _____