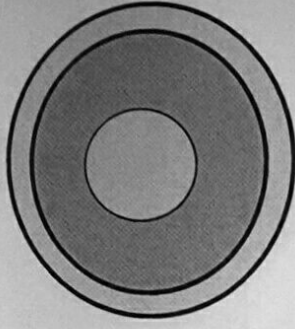


Plate Tectonic Notes

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 _____

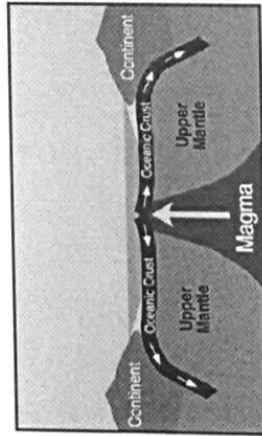
Glue this side
down into your
science notebook.

“A dot is a lot!”

Liz LaRosa
5th grade science
www.middlechoolscience.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 _____ rises to the _____ and solidifies, new _____ forms _____ crust is pushed _____ away from the ridge
2. _____
3. _____

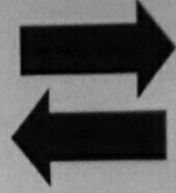
Different types of plate boundaries



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 _____