Dynamic Earth

My comfort level with this concept is:

Converge

I know this much:

Diverge

I know this much:

Fault

I know this much:

Plate Tectonics

I know this much:

Subduction

I know this much:

Sea Floor Spreading

I know this much:
CCG- Use interrelated processes to pose questions and investigate the physical & living world. M.McCauley©2004

Name ___________________________ Period ___________ Due ___________

Dynamic earth

Scientific Bumper Stickers V 1.1

Background:
Want to sell a product? Elect a president? Defeat money for schools? How about learn science vocabulary? The answer is bumper stickers! Bumper stickers take complex concepts and distill them into a few words that express what you want to accomplish... Wow! Cool! Lets ...Just do it!

Directions:
1. Remember bumper stickers make the complex simple. One or two lines at most.
2. Bumper stickers can be funny but should always be witty or ironic!
3. Create one bumper sticker for each of the science vocabulary words below.
4. Must be colorful! Print Words! Big Letters! Art and beauty Count! (Make it Easy to Read!)
5. Remember YOUR NAME!
6. Staple together and turn in to the box.

Example:

Ritchy.... Eat Your Crust!

Vocabulary Words:
Make one bumper sticker for each of the words below: Effort counts!

Crust, Compression, Fault, Plate Tectonics
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MMcCauley 2003

Crust: Thin outer layer of the Earth.
Core: Central inner part of the Earth below the mantle.
Converge: When tectonic plates move towards each other.
Diverge: When tectonic plates move away from each other.
Fault: A break in the Earth’s crust.
Folding: The bending of the Earth’s layers like the Himalayan Mountains.
Lithosphere: Outermost rigid layer of the Earth.
Mantle: The middle hot plastic layer of the Earth.
Plate Tectonics: The theory that the Earth’s crust is made of several constantly moving plates.
P-Wave: Primary earthquake wave.
Sea Floor Spreading: Theory that lava pushing up from the mantle is creating new ocean sea floor at ocean ridges.
Subduction: Where ocean plate is being pushed under continental plate.
Strike Slip: Where to tectonic plates slide past each other like in California.
S-Wave: Secondary earthquake wave.
Tectonic Plate: Crustal plates that make up the surface of the Earth.
Transform Fault: Where to plates slide past each other horizontally.