ame:		Da	te:	Period:
	nrner.org/interactives/dynamicearth/slip.h			
art 4: Slip Slide, & C				
-	atic geological phenomena" that can be	Learner.or	rge Dwi	namic Eartl
	Earth as a result of tectonic plate			
motion. Then clic				
	See what happens at different p	late boundaries		
<u>onvergent Bou</u>	<u>ndaries - Colliding Plates</u>			
ummarv: At convers	gent boundaries, tectonic plates collide wi	th each other. The eve	nts that occ	ur at these boundaries
	es of plates – oceanic or continental – that			
ubduction Zones an				
	ust tends to be			
	oceanic crust gets bent and pulled		, b	eneath the
	and contine			
As the ocean	anic crust sinks, a deep oceanic	or valley is fo	omed at the	edge of the continent.
				anned water and other
 The crust is 	s forced deep into the earth where high $_$	and	cause tra	apped water and other
	s forced deep into the earth where high _ e released. This, in turn, makes the base of			
gases to be		f the crust melt, formin	ng	•
gases to be The magma	e released. This, in turn, makes the base of	f the crust melt, formin	ng	•
gases to be The magmwhere it fe	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates	f the crust melt, formin	ng	•
gases to be The magmonth where it fe	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates	f the crust melt, forminace and builds up in	ng	•
gases to be The magmwhere it fe Define the following Term	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates	f the crust melt, formin	ng	•
gases to be The magmonth where it fe	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates	f the crust melt, forminace and builds up in	ng	•
gases to be The magming where it ferm Volcanic Arc	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates	f the crust melt, forminace and builds up in	ng	•
gases to be The magming where it ferm Volcanic Arc Trench	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates	f the crust melt, forminace and builds up in	ng	•
gases to be The magmore where it feromore Define the following Term Volcanic Arc Trench Subduction	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates	f the crust melt, forminace and builds up in	ng	•
gases to be The magmover of the magmover of the following	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms:	f the crust melt, forminate and builds up in Definition	ng	
gases to be The magmover of the magmover of the following	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates	f the crust melt, forminate and builds up in Definition	ng	
gases to be The magmover of the magmover of the following	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms:	f the crust melt, forminate and builds up in Definition	ng	
gases to be The magmover of the magmover of the following	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms:	f the crust melt, forminate and builds up in Definition	ng	
gases to be The magming where it ferm Volcanic Arc Trench Subduction Zone escribe how an islan	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms:	f the crust melt, forminate and builds up in Definition	ng	
gases to be The magmore where it fe Define the following Term Volcanic Arc Trench Subduction Zone escribe how an islan collision Zones and N	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms: Indiana arc can form. Include the following term Mountains:	the crust melt, forminate and builds up in Definition ms: subduction, oceani	c, plate, olde	er, younger
gases to be The magmore where it ferometric	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms: md arc can form. Include the following term Mountains: ne rock making up continental plates is get	the crust melt, forming the cr	c, plate, olde	er, youngerthan
gases to be The magmore where it ferometric ferometric Volcanic Arc Trench Subduction Zone escribe how an islan ummary: Because the	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms: Mountains: ne rock making up continental plates is get o light to get pulled under the earth and tu	the crust melt, forming the crust melt, forming the cand builds up in Definition ms: subduction, oceanicate and merally rned into magma. Inste	c, plate, olde	er, youngerthan on between two
gases to be The magmore where it ferm Volcanic Arc Trench Subduction Zone escribe how an islan ummary: Because the ceanic rock, it is too ontinental plates	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms: Mountains: ne rock making up continental plates is get o light to get pulled under the earth and tu and folds the rock.	The crust melt, forming the crust melt, forming the cand builds up in Definition ms: subduction, oceanical merally rned into magma. Instead into magma, listead into magm	c, plate, olde and less ead, a collisi ting it up an	er, youngerthan on between two
gases to be The magmore where it ferm Volcanic Arc Trench Subduction Zone escribe how an islan ummary: Because the ceanic rock, it is too ontinental plates	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms: Mountains: ne rock making up continental plates is get o light to get pulled under the earth and tu	The crust melt, forming the crust melt, forming the cand builds up in Definition ms: subduction, oceanical merally rned into magma. Instead into magma, listead into magm	c, plate, olde and less ead, a collisi ting it up an	er, youngerthan on between two
gases to be The magmore where it ferometric	e released. This, in turn, makes the base of a formed rises up toward the earth's surfaceds and creates new terms: Mountains: ne rock making up continental plates is get o light to get pulled under the earth and tu and folds the rock.	The crust melt, forming the crust melt, forming the cand builds up in Definition ms: subduction, oceanical merally rned into magma. Instead into magma.	c, plate, olde and less ead, a collisi ting it up an	er, younger than on between two d leading to the

Divergent Boundaries – Spreading Plates

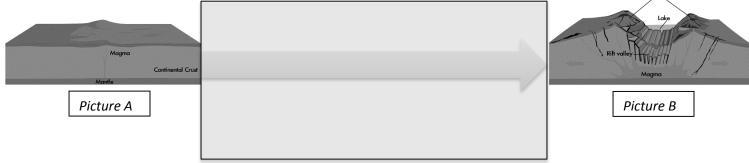
Summary: At divergent boundaries, tectonic plates are moving away from each other. But if these huge masses of crust are moving apart, what happens in the space left between them?

Seafloor	Sprea	ding
----------	-------	------

•	Divergent boundaries in the middle of the	contribute to seafloor spreading.
•	As plates made of oceanic crust pull apart, a	in the ocean floor appears.

Rifts

Summarize how a region of the world can transform from Picture A to Picture B.



Transform Boundaries – Grinding Plates

Summary: At transform boundaries, tectonic plates are not moving directly toward or directly away from each other. Instead, two tectonic plates grind past each other in a horizontal direction. This kind of boundary results in a **fault** — a crack or fracture in the earth's crust that is associated with this movement.

Faults and	Earthquakes
------------	-------------

Describe the process for how transform boundaries lead to earthquakes in $4-5$ short bullets.					

You are NOT required to complete the 30 question "Test your Skills".