Name:			Class Period:		
Go to: http://www.learner.org/in Click on "Start your explor Earth's Structur Mouse over the diagram to 1. What is the thickness,	Dynamic Early teractives/dynamicearth/ir ration into Earth's Structure e: o respond to the following in miles, of the following in miles, of the following with the following in miles and the following in miles are also with the following in miles.	questions ayers:	Class Period:		
•	ectonics is attributed to Ge mass or "Supercontinent"	rman scientist is referred to as			
begins to break up w/ in the North & in the South	splits - S. America/Africa separates from/	- Laurasia begins to separate with & & breaking apart - S. America & Madagascar split from	separates from N. Americaseparates from& moves North - Indian landmasses collide w/		

			's. It sta	
outer layer or	is broke	en up into	These plates hold	
	and	They are	e constantly	·
9. Continents over tim	ne Bonus Questi	ON: Since the plates are	e constantly in mo	tion, scientists
predict that 250 million ye	ears from now the	continents will come tog	ether to for	
		called		·
> Plate Boundarie	es:			
10. Continental crust und	derlies	and is		miles thick,
whereas	is	found under the ocean a	and is only	miles thick.
11. Name the three type	es of plate boundar	ries below. Create a simp	ole diagram of eac	ch including arrows
to show the direction of t	their movement &	list some examples of the	at type of bounda	ry
Bou	undary	Boundary		Boundary
Diagram:	Diagrar	•	Diagram:	,
12. Use colored pencil of indicate the types of bour map to the right. Create Convergent Divergent	undaries on the			Indian Pac
indicate the types of boumap to the right. Create Convergent Divergent Transform Label the following plates	a key below: 7 s on the map:	Nozco Piote		The Public
indicate the types of boumap to the right. Create Convergent Divergent Transform Label the following plates N. America Plate, Eurasia Plate, Antarctic Plate, Afri	s on the map: in Plate, Pacific ican Plate	Nazca Plate		Plote C
indicate the types of boumap to the right. Create Convergent Divergent Transform Label the following plates N. America Plate, Eurasia	andaries on the a key below: on the map: In Plate, Pacific ican Plate d you place	Nazca Plate		Plate C

14. At **convergent boundaries** tectonic plates _____

15. Roll over the diagram to define the following terms:
a) subduction zone:
b.) trench:
c.) volcanoes:
d.) tsunami:
16. Mountain range in Asia that was formed by colliding tectonic plates:
This mountain range continues to grow by inch(s) per year.
17. At <u>divergent boundaries</u> tectonic plates are
18. What is Sea Floor Spreading?
19. Volcanoes form in both and boundaries
20. At <u>transform boundaries</u> tectonic plates
21. A crack or fracture in Earth's crust is a
22. Explain what causes earthquakes. Provide a detailed answer & include the terms: tectonic plates &
stress in your response
23. What type of fault is the San Andreas Fault in California?
24. The San Andreas fault runs between the &
plates and is approximately miles long.
25. Interactive Quiz: Plate Interactions Challenge – What was your best Score?
TEST SKILLS: Complete this section and be prepared to print PAGE 1 ONLY of the Results page when you finish.
You answered out of 30 questions correct. Your score was%