

Topic: Study Guide Earth's		Name _____
Interior & Sea-Floor Spreading		Date _____
		Period _____
	Directions: Use activities in IAN to look up answers to all questions. Provide clear and accurate details that explain what, how and why. Remember that questions are on the left and your answers are written in the notes space on the right.	
Questions/Main Ideas	Notes	
A. Earth's Interior		
1) What are the layers of the Earth from the thickest to the thinnest?		
2) Provide at least three facts about the composition of each of the Earth's layers.	a.	
	b.	
	c.	
	d.	
	e.	
	f.	
	g.	
3) How do temperature, pressure and composition change from the crust to the core. EXPLAIN		
4) What is the continental crust made up of?		
5) What is the oceanic crust made up of?		
6) Create and label a diagram that shows the layers of the Earth.		

7) Explain the difference between the lithosphere and the asthenosphere.		
B. Convection Currents and Heat Transfer		
8) What are the three types of heat transfer that occur inside the Earth?		
9) What is a convection current?		
10) Where do convection currents occur inside the Earth?		
11) What causes convection currents in the mantle?		
11b) Define insulator AND give two examples of this occurring in the Earth.		
11c) Define conductor AND give two examples of how this occurs in the Earth.		
12) How does radiation occur in the Earth.		
13) How does conduction occur within the Earth?		