Read pages 71-73 as a gro	Iter
Read pages 71-73 as a group and answer questions #1-9. 1) It is difficult for scientists to choose the Feature.	ECE 2.4 Reading Guide
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1	ECE 2.4 Reading Guide	Name:
Read pages 71-73 as a group and answer questions #1-9. 1) It is difficult for scientists to observe the Earth's intericrust. How else to scientists study the interior of the	tead pages 71-73 as a group and answer questions #1-9. 1) It is difficult for scientists to observe the Earth's interior by digging through the Earth's crust. How else to scientists study the interior of the Earth?	/ digging through the Earth's
Contract of the contract of th		

make and observations	4) How do scientists study the layers of the Earth? Explain.	3) Define composition(2) List the three main layers of the Earth and describe each layer.	→ —	Nation Assessment Asse
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5) Define seismology. 7) How can scientists use volcanic rock to study the earth's compositions? Is studying this 6) Why can scientists infer that the outermost part of the Earth's core is a liquid? reliable? because (b) Comes from men He Shuduy of . main tool 15. I are not decheted after an CT CZ

8) What is another way scientists can make inferences about the composition of Earth's interior? by observing voiks under extremely tempo 4

9) What is the difference between a meteor and a meteorite? Streat, burns up in atmospher

Go to google classroom and click on the first hyperlink and answer the following questions: Earth's Crust Scroll over the word crust and read about it! (You may use or mute the audio)

Describe the crust

like Onuston

,		11)
		Is Earth's crus
		arth's crust all the same thi
1	ĺ	thickness?
1	ļ	

a. When we say the "oceanic crust" what do you think it means? b. How thick is the oceanic crust? "OWS?" What
ic cr

the continental crust? c. Where would you think the crust be the thickest? a. When we say "continental crust" what do you think it means?
 b. How thick is

a. const under C. under

refer to your book: the last paragraph on pg 76) Is continental crust more or less dense than oceanic? Why? (will also need to

than oceanic coust due to the less dense not continuatal coust is 1 deceso

Earth it includes, and composition): CNS+ + vppcs ____ Describe the lithosphere (include where it is located in Earth, what layers of the

texture): Describe the asthenosphere (include where it is located in Earth and describe its 340 layer , weak, flows -DCK | -) under courst - and layer

Earth's Mantle

181		17)
	lower past of, +	What is mantle made of?
	JAN'N	
•	4	

How does heat and pressure impact the mantle?:

heat = more flund pressure = nock

How thick is the mantle? 2,900 km (Haidbest part)

19)

18)

Earth's Core (Outer and Inner Core)

20) temperature): Molton -> _____ + _ Describe the outer core (include why it is "special", what it is made of, and

special because causes

21) Describe the inner core (be sure to also include its temperature): Solid 1 3/4 size of moon 4000

22) What makes the inner core so fascinating? (*hint 3rd and 4th paragraph or read last 5 sentences on pg 78)

(7

(Individual) Watch the YouTube video: Layers of Earth (from Google Classroom-2nd link) and complete: Draw a model of Earth's structure below. Please use different colors for each layer (include the lithosphere and asthenosphere as well as distinguish between continental/oceanic crust) and make a key for your model.

