Name	Date	Per

READING GUIDE: 16.1 – Darwin's Voyage of Discovery (p. 450-453)		
Darwin's Epic Journey		
1) Define EVOLUTION:		
2) What ideas were changing in the scientific community (in geology & biology) at the time of Darwin's travels?		
3) What 3 patterns of biodiversity did Darwin note on his 5 year voyage on the Beagle? Give an example		
of each.		
a		
b		
c		
4) What are FOSSILS?		
5) Examine the picture in Figure 16.3. What are the similarities and differences between the armadillo and the glyptodont.		

## READING GUIDE: 16.2 - Darwin's Voyage of Discovery (p. 454-458)

1) Complete the table below about scientists who contributed to the development of the explanation / theory of evolution by natural selection.

Scientist	Contribution to Darwin's thinking
James Hutton	
Charles Lyell	
Jean-Baptiste Lamarck	
Thomas Malthus	