



Plate Tectonics

Science

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ESSENTIAL QUESTION:

How have Plate Tectonics Changed Earth's Surface and Continent Position?

QUESTIONS:

NOTES:

I. Lithosphere

a. Components (Parts) of the Lithosphere are _____.

b. The Earth's Internal Processes that move Tectonic Plates are called _____.

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II Convection Currents in the

a. A Circular Cycle of _____, _____, _____, in the Mantle Causes _____ to Move.

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III. Plate Boundaries

a. The 3 ways Plates Interact are _____, _____, _____.

SUMMARY:

QUESTIONS:

NOTES:

b. Plates that move apart at a boundary are called _____.

c. At Divergent Boundaries, Plates move _____.

d. One Major Divergent Boundary exists along the _____.

_____ . ALL along this divergent boundary there are many events called _____.

At this Divergent Boundary the _____ Plate is moving away from the _____.

and African Plate. The name of this divergent boundary is called _____.

_____ . Divergent Boundaries between 2 ocean plates is called _____.

IV Plates that move together at a boundary are called _____.

a. New _____ is formed at one, then disappears at another called a _____.

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SUMMARY:



TOPIC/OBJECTIVE:

NAME:

CONTENT/CLASS:

CLASS/PERIOD:

DATE:

ESSENTIAL QUESTION:

QUESTIONS:

NOTES:

b. A _____ may form _____ above _____.

c. As high temperatures, some crustal plate _____ is formed and forced upward to cause _____.

d. The _____ of South America formed between the convergent boundary between the _____ Plate and the _____.

e. The _____ of South America contains many volcanoes formed by the convergent boundary between the _____ and _____.

SUMMARY:



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NOTES:

V. Transform Boundaries

a. Two plates _____

one another.

b. The plates can move in _____ as well as the _____.

c. _____ occur when one plate slips past another plate.

d. The San Andreas Fault is a _____ where the _____ plate is sliding past the _____.

SUMMARY: