

Name: \_\_\_\_\_

Date: \_\_\_\_\_

## Student Exploration: Plate Tectonics

**Vocabulary:** collisional boundary, convergent boundary, crust, divergent boundary, earthquake, lithosphere, mantle, plate, plate tectonics, subduction zone, transform boundary, volcano

### Gizmo Warm-up

Volcanoes, earthquakes, mountains, and other features of Earth's surface owe their origin to the movements of **plates**: enormous, slowly-moving sections of Earth's crust. At plate boundaries, plates collide, move apart, move under or over each other, or slide past one another. The theory of **plate tectonics** describes how the plates move, interact, and change the physical landscape.



The Plate Tectonics Gizmo™ shows a cross-section, or side view, of Earth. (Not to scale.) Above the cross section is a bird's-eye view of the same location.

1. Turn on **Show labels**. What are the layers of Earth that you can see? \_\_\_\_\_

2. Turn on **Boundary name**, and click on each boundary. What four boundaries do you see? \_\_\_\_\_

### Activity A: Sliding plates

#### Get the Gizmo ready:

- Select BOUNDARY A.



**Question:** What happens when plates slide past one another?

1. **Observe:** Boundary A is a **transform boundary**. The arrows below the BOUNDARY A label will move the plates. Click the left arrow once to see how the plates move.

How would you describe the motion of plates in a transform boundary? \_\_\_\_\_

# Plate Tectonics Gizmo Answer Key

**Victor M. Corman**

A red circular graphic with a gradient, appearing as a semi-circle or a partial circle, located to the right of the author's name.

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burrowing. While all ... European Spadefoot Toads (Family Pelobatidae) The European spadefoot toads are a family of frogs, the Pelobatidae, with only one extant genus Pelobates, containing four species. ADW: Pelobatidae: INFORMATION Pelobatids are squat and toadlike, with soft skins and fossorial habits. This treatment places Megophryidae in a separate family, leaving but two or three ... Spadefoot Toads (Pelobatidae) Frogs in this family are often mistaken for toads (exemplified by the common name, "spadefoot toads"). They do not have the warty skin of true toads, however, ... Natural History of the White-Inyo Range Spadefoot Toads (Family Pelobatidae). Great Basin Spadefoot Toad, Spea ... A related species in southeastern California, the Couch's Spadefoot Toad (*S. couchii*) ... Couch's spadefoot (*Scaphiopus couchi*) Couch's spadefoot (*Scaphiopus couchi*). Order: Salientia Family: Pelobatidae (spadefoots) Other common name: spadefoot toad. Spanish names: sapo con espuelas ... Spadefoot toad | burrowing, nocturnal, desert 3 days ago — All spadefoot toads are classified in the family Pelobatidae. Spadefoot toads have a broad, horny “spade” projecting from the inside of each Pelobatidae - European Spadefoot Toad Family - Apr 21, 2017 — The family Pelobatidae is the European Spadefoot toads but they aren't just found in Europe, they are also found in Asia and Northern Africa. Answer Key To Al-Kitaab Fii Ta'allum Al-'Arabiyya 2nd ... This answer key is to be used with Al-Kitaab fii Ta callum al-cArabiyya: A Textbook for Beginning Arabic: Part One, Second Edition. The answer key for ... Answer Key to Al-Kitaab fii Tacallum al-cArabiyya This answer key is to be used with Al-Kitaab fii Ta callum al-cArabiyya: A Textbook for Beginning Arabic: Part One, Second Edition. The answer key for Al-Kitaab ... Answer Key to Al-Kitaab fii Tacallum al-cArabiyya This revised and updated answer key accompanies both DVD and textbook exercises in Al-Kitaab fii Ta callum al cArabiyya with DVDs, Part Two, Second Edition. Answer Key To Al-Kitaab Fii Ta'allum Al-'Arabiyya 2nd ... Introduction to Attic Greek: Answer Key 9780520955004. This booklet provides the answers to the exercises in Introduction to Attic Greek, 2nd Edition by ... Answer Key to Al-Kitaab fii Ta'allum al-'Arabiyya - A ... This answer key is to be used with Al-Kitaab fii Ta Callum al-cArabiyya: A Textbook for Beginning Arabic: Part One, Second Edition. Answer Key to Al-Kitaab fii Tacallum al-cArabiyya This revised and updated answer key accompanies both DVD and textbook exercises in Al-Kitaab fii Ta callum al cArabiyya with DVDs, Part Two, Second Edition. Al-Kitaab Part Two Answer Key | PDF Al-Kitaab Part Two Answer Key - Free download as PDF File (.pdf) or read online for free. Answer Key to Al-Kitaab Fii Ta Callum al-CArabiyya: A Textbook for ... answer key al kitaab fii Answer Key To Al-Kitaab Fii Ta'allum Al-'Arabiyya 2nd Edition. Al-Tonsi, Abbas, Al-Batal, Mahmoud, Brustad, Kristen. ISBN 13: 9781589010376. Seller: HPB-Ruby Answer Key to Al-Kitaab fii Ta'allum al-' ... This revised and updated answer key accompanies both DVD and textbook exercises in Al-Kitaab fii Ta callum al cArabiyya with DVDs, Part Two, Second Edition. Answer Key To Al-Kitaab Fii Ta'allum Al-'Arabiyya 2nd ... Publisher Georgetown University Press ; Publication Date 2004-09-30 ; Section Ref / Foreign Lang Dict / Phrase ; Type New ; Format Paperback The Purple Book, Updated Edition: Biblical Foundations ... The Purple Book is a 12-chapter Bible Study Guide designed to help believers know and apply the essential beliefs of Christianity. purple book, rice brooks. The Purple

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