

# Plate Tectonic Basics

Name \_\_\_\_\_

SITE #1: ANMH PLATES INTERACTIVE - <https://www.amnh.org/explore/ology/earth/plates-on-the-move2>

1. Read the information in the introduction to help you fill in these blanks.

What do we call the big pieces of earth's outer shell? \_\_\_\_\_

What causes these to move? \_\_\_\_\_

What four things can happen when their edges meet? \_\_\_\_\_

2. Click "Play the Game" and read the directions. Document each type of plate boundary using 2 examples.

Boundary Type	Name of Landmark/Event	Plates Involved
Convergent (Collision, Subduction)		
Divergent (Spreading)		
Transform (Slip)		

SITE #2: PLATE TECTONICS QUIZ - <https://divediscover.who.edu/plate-tectonics/plate-tectonics-quiz/>

Answer the quiz questions. Record any that you miss in the space below along with the correct answer.

**Challenge Questions: Search the web to find the answers to these questions.**

A. On which plate do we live? \_\_\_\_\_

B. Faults are cracks in earth's crust. Which fault line is closest to us? \_\_\_\_\_

Where is it located? \_\_\_\_\_

When was the last time it was "active"? \_\_\_\_\_

C. Describe the most recent earthquake in the United States. \_\_\_\_\_

\_\_\_\_\_

D. Describe the most recent volcanic in the United States. \_\_\_\_\_

\_\_\_\_\_

E. What is a tsunami? \_\_\_\_\_