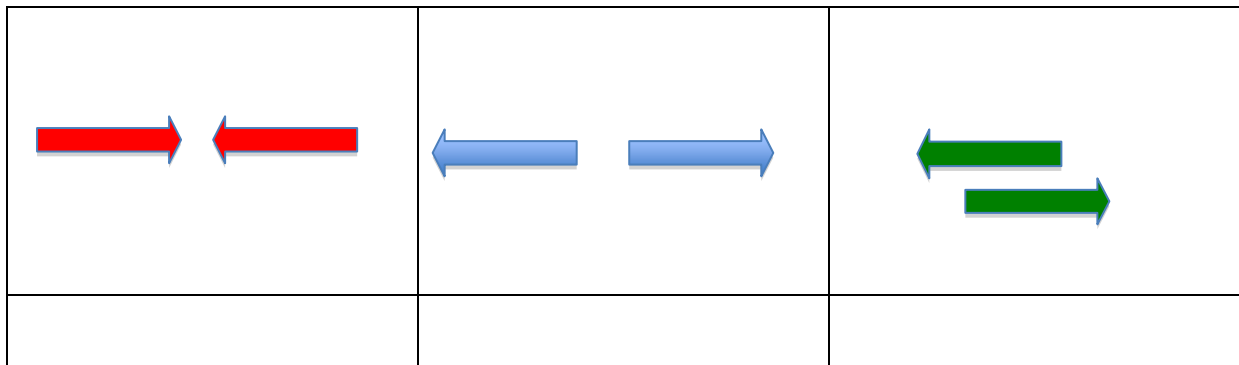


## Earthquakes – Student Review

**Sudden geological events can change the surface of the Earth.**

Earthquakes occur when tectonic plates come together. Please label the diagrams as a zone of convergence, zone of divergence or transform zone. The arrows indicate the movement of tectonic plates.



At one of these boundaries the Earth's crust thins and sags. Which boundary is this and how does this movement affect the surface of the Earth?

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At one of these boundaries the Earth's crust thickens and crumples. Which one of the zones is this and how does this movement change the surface of the Earth?

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At one of these boundaries two plates grate past each other. Which one of the zones is this and what devastating effect happens here?

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What is the name of the instrument that measures earthquakes? \_\_\_\_\_

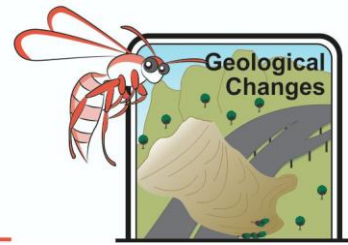
What effects could a major earthquake have on loose sediments piled on the edge of the undersea continental shelf?

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# Earthquakes – Student Review



## EARTHQUAKES



FIND THE WORDS USED IN THIS TOPIC

T S U N A M I E A R T H C M M  
N K W E C A F R U S R N O H R  
D S S E R T S W L Z Q W N C O  
B U R W D N Q Q G B E O V R F  
T N E G R E V I D A C J E U S  
S C I E N C E Q R S B T R H N  
D E V A S T A T I O N E G C A  
C S Z T C A H C U Y R C E T R  
I E O O O Q N N G T T T N S T  
M V N F U A D O N L F O T I P  
S A E A R A L E U Q S N B R L  
I W K F R O C A I Q Q I S H A  
E E N Y E I F I Y B O C L C T  
S A V G P L A N D S L I D E E  
S B D E T N E M E V O M M Z S

### 23 WORDS

BOUNDARY  
PLATES  
CHRISTCHURCH  
SAN FRANCISCO  
CONVERGENT  
SCIENCE

DEVASTATION  
SEISMIC  
DIVERGENT  
STRESS  
EARTH  
SURFACE

EARTHQUAKE  
TECTONIC  
EPICENTRE  
TRANSFORM  
FAULT  
TSUNAMI

GEOLOGY  
WAVES  
LANDSLIDE  
ZONE  
MOVEMENT

WHICH WAS THE BEST ACTIVITY IN THIS TOPIC AND WHY?

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