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| **Assessment** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
| * [Theories and Geological Dating Quizlet](https://quizlet.com/_3vuc3h?x=1jqt&i=svx05) * [CER Continental Drift Quiz](https://fultonk12-my.sharepoint.com/:w:/g/personal/speakse_fultonschools_org/EZdctBvc3EZOnfoJUDFrFykBdYCEXZlcvB2rO8mhnm74zA?e=z448bk) | * [Convection Currents Mantle Diagram](https://quizlet.com/_7cb0uz?x=1jqt&i=svx05) Quizlet * [Plate Tectonics Review Quizlet no pictures](https://quizlet.com/_2l97xx?x=1jqt&i=svx05) * [Plate Tectonics Review Quizlet with pictures](https://quizlet.com/_7cnr8q?x=1jqt&i=svx05) * [Quizizz Practice test A](https://quizizz.com/admin/quiz/5dcc067abb1f0e001d711c0e) * [Quizizz Practice Test B](https://quizizz.com/admin/quiz/57edb5c7f0237b523e8a45ed) |
| * [Plate tectonics study guide (Paper version](https://fultonk12-my.sharepoint.com/:w:/g/personal/speakse_fultonschools_org/EYtU2Ai2c3tCuVk4cXfqDeYBQugQcKFKI_IeUswzmcRpEg?e=eil4VP)) * [Plate tectonics study guide (digital version)](https://fultonk12-my.sharepoint.com/:w:/g/personal/speakse_fultonschools_org/EfIXFkt9tGxCgnkeKLdotTEBkiuRgW7HxRB0YU2-L4ZfyQ?e=eamQqV) * [Study Guide Answer Key](https://fultonk12-my.sharepoint.com/:b:/g/personal/speakse_fultonschools_org/EV0kPqrwPVBCsNC7-omB6NUBQrp9kdn6kzQOK5voCLsZIg?e=f6CIq7) | |

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| **YouTube Playlist/Videos** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
|  | * <https://www.youtube.com/playlist?list=PLuICOhFgyRtpHa6KIfClyAwtar96ymf2C> * Nat Geo [Plate Tectonics clip](https://www.nationalgeographic.org/media/plate-tectonics/#alien-deep-tectonic-plates) 5:47 |

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| **Activities/Labs/Demos** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
| * Watch fossil lake clip * [Ancient Earth Globe Interactive](https://dinosaurpictures.org/ancient-earth#240) * [Watch Greatest Discoveries w/ Bill Nye clips](https://fultonk12-my.sharepoint.com/:v:/g/personal/speakse_fultonschools_org/ESMmOPJhgeVHjjFy90aKv1kBcgfQ5PPbKN7wOIPDIC84vA?e=kxMK85) for continental drift, sea floor spreading, and plate tectonics * [Modified Graphic Organizer](https://fultonk12-my.sharepoint.com/personal/kongc_fultonschools_org/_layouts/15/Doc.aspx?sourcedoc=%7B66F57E08-6FCD-4A29-B500-1C6494EF7002%7D&file=PLATE%20TECTONICS%20Graphic%20Organizer-ck.docx&action=default&mobileredirect=true) * Relative dating card sort * Pangaea color, cut, and piece together * Analyze Evidence for Continental Drift * [FOCUS Notes Pangaea\_Fossils\_Theories.doc](https://fultonk12-my.sharepoint.com/:w:/g/personal/lynchharlows_fultonschools_org/Eetr2amUwgBLiBI1hJvsgXMBqU5EnAUkxNUXGfVet7NvqQ?e=vhDBNf) * ADI Lab Geologic Time & the Fossil Record | * AMP-IT-UP: Earthquake Challenge * Watch Ice Age: Continental Drift short * Dynamic Earth Interactive * Google Earth: Explore landforms and/or [Plate Tectonics Passport activity (Geologic Society)](https://www.geolsoc.org.uk/Education-and-Careers/Resources/Activity-Sheets-And-Presentations#platetectonicspassport) * What happens during convection? Diagram & ?’s * What on Earth is Plate Tectonics? Diagram #ing * [All About Plate Tectonics Webquest by Kong](https://platetectonicswebquesttask.weebly.com/) * ADI Lab 6: Plate Interactions   + <https://www.geolsoc.org.uk/Plate-Tectonics> * ADI Lab 7: Formation of Geologic Features * [Plate Tectonics Matching Claim, Evidence, Reasoning](https://fultonk12-my.sharepoint.com/:w:/g/personal/jenningsm_fultonschools_org/Ef5U6a6eD_hLh0XpfJqM89UBjt_F9d9ucYUz4c6wmdT3YQ?e=q8Md2y) * [GO Summarizer of boundaries and events](https://fultonk12-my.sharepoint.com/:w:/g/personal/speakse_fultonschools_org/EQ2Sk9cu6V9NhryLaFcaM2YBAFaP1GiQyl1eYHjQj0bPog?e=lJVeWE)   + [Answer Key](https://fultonk12-my.sharepoint.com/:w:/g/personal/speakse_fultonschools_org/ERmTwLuAbnBMkSLOHldh0DMBk-Dq6AJ98kdvImjwNeUJ-w?e=2a50oU) |
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| **PowerPoints/Presentations/Nearpods** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
| * [Continental Drift 2020](https://fultonk12-my.sharepoint.com/:p:/g/personal/speakse_fultonschools_org/EWWA4K8bM1FFhTeYNSoQ64MBmOx7ARICo_wdjrJefZv1Kw?e=iHxfNE) * [New Discoveries that supported continental drift 2020](https://fultonk12-my.sharepoint.com/:p:/g/personal/speakse_fultonschools_org/ESBxRAHbR-1AtbdjmoUg8ycBHyxAV4oYgOk0oYrLLAKEew?e=Qs8hbE) | * PLATE TECTONICS resource presentation * Geological Events at Plate Boundaries * Plate Tectonics Explained Nearpod by Minute Earth (quick interactive video lesson on convection in mantle) * Plate Tectonics Nearpod by Lifeliqe (long lesson) * Plate Tectonics Matching Pairs Practice and Review by Nearpod Team * [Types of Plate Boundaries PPT](https://fultonk12-my.sharepoint.com/:p:/g/personal/speakse_fultonschools_org/EQLwHGUYhBhAkImtzpXcDvIBr6nLe22-sY0OK2LfN3l56A?e=Mx8iXn) to use with GO Summarizer |

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| **Cool Links and Websites** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
|  | * [PBS Media Mountain Maker, Earth Shaker Boundary Simulator](https://contrib.pbslearningmedia.org/WGBH/conv16/conv16-int-mmes-1/index.html) * [IRIS Earthquake Browser - Live Sesmic Montior](http://ds.iris.edu/seismon/index.phtml) |

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| **Textbook - Unit 6** | | |
| Lesson 2 Geologic Change Over Time | Pages 508-521  Answer all ?’s EXCEPT # 19  Lesson Review pg 521 | Digital Lesson: Geologic Change Over Time  Virtual Lab: Earth’s History  (investigate whether or not a fossil will form) |
| Lesson 3 Plate Tectonics | Pages 524-537  Answer all ?’s EXCEPT #’s 10  Lesson Review pg 537 | Digital Lesson: Plate Tectonics  Virtual Lab: Plate Boundaries (investigate how earthquakes and volcanoes correlate to boundaries) |
| Lesson 4 Mountain Building | Pages 540-549  Answer all ?’s EXCEPT #’s 7, 11  Lesson Review pg 549 | Digital Lesson: Mountain Building |
| Lesson 5 Volcanoes | Pages 552-563  Answer all ?’s EXCEPT #’s 6, 16, 17  Lesson Review pg 563 | Digital Lesson: Volcanoes |
| Lesson 6 Earthquakes | Pages 566-575  Answer all ?’s EXCEPT #’s 11,14, 15  Lesson Review pg 575 | Digital Lesson: Earthquakes |

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| **OMG Foldable/ Notes** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
| * Theories and Evidence | * Lithospheric Motion that Shapes the Earth |

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| **EdHelper Readings** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
|  | * What Causes Plates to Move? |

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| **Gizmos** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
| * Building Pangaea | * Plate Tectonics * Earthquakes 1 * Earthquakes 2 |

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| **Probes** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
| * How old is Earth? * Is it a fossil? * Sedimentary Rock Layers * Mountaintop Fossil | * Describing Earth’s Plates * Where do you find Earth’s plates? * What do you know about volcanoes and earthquakes? * Mountain Age |

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| **Factsheets**  [www.geolsco.org.uk/factsheets](http://www.geolsco.org.uk/factsheets) | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
| * Fossils | * Plate Tectonics * Volcanoes * Earthquakes * Tsunamis |

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| **BrainPop** | |
| **Pangaea/Geologic Time** | **Plate Boundaries** |
| * Geologic Time   + Worksheet (top half-which layer for which fossil based on age) * Relative Dating   + Related Reading   + Worksheet (analyzing rock layers)   + Vocabulary (debris, compress, catastrophe, erode, correlate, preserve) (students choose 2 terms from movie to add) * Fossils   + Related Reading   + Worksheet (matching voc and listing examples)   + Graphic Organizer (types, how formed, what we learn from them)   + Vocabulary (remnant, amber, decay, trace, impression, minerals) (students choose 2 terms from movie to add) * Glaciers   + Primary Source (compare old pic of glacier w/ new melted pic)   + Related Reading   + The Meaning of Beep (Glaciers Game)   + Worksheet (labeling & explaining 2 types, movement, and how they shape the landscape) * Ice Age   + Graphic Organizer (whys and ways about ice ages & studies)   + Vocabulary (glacier, pole, tropics, arctic, interval, global warming) (students choose 2 terms from movie to add)   + Time Zone X: Ice Age * Ocean Floor   + Related Readings * Carbon Dating | * Plate Tectonics   + Challenge (review or graded)   + Related Readings (all are good)   + Worksheet (describing boundary for specific land features)   + Graphic Organizer (describing role of plate tectonics in causing/creating events/features)   + The Meaning of Beep (Plate Tectonics Game)   + Time Zone X: Plate Tectonics * Volcanoes   + Challenge   + Primary Source (video of Mount St. Helens 2004 eruption)   + Related Readings   + Worksheet (labeling and fill in the blank)   + Graphic organizer (describe the steps needed for a volcanic eruption)   + Vocabulary (magma, molten, lava, eruption, subduction, dormant) (students choose 2 terms from movie to add)   + Time Zone X: Volcanoes * Earthquakes   + Related Readings   + Worksheet (fill in the blank/research and describe Richter Scale)   + Graphic Organizer (describe steps for an earthquake to happen)   + Vocabulary (mantle, fault, seismic, compress, vertical, horizontal) (students choose 2 terms from movie to add)   + Earthquake Game   + Time Zone X: Earthquakes * Mount Everest   + Challenge   + Related Readings   + Worksheet (voc matching & summit climbing research)   + Graphic organizer (facts about location, height/shape, climbers, formation)   + Vocabulary (mantle, collision, sacred, expedition, avalanche, summit) (students choose 2 terms from movie to add) * Mountains   + Primary Source (images and questions for 3 types of mountains)   + Related Readings   + Worksheet (adjectives to describe mountain types and critical thinking on Sierra Nevada mountain range’s impact on climate)   + Vocabulary (barrier, climate, weather, converge, collide, weathering) (students choose 2 terms from movie to add)   + Time Zone X: Mountains * Tsunami   + Challenge   + Related Readings   + Vocabulary (devastation, tide, harbor, earthquake, seismic, crest) |