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| **IGCSE Geography – How do plate movements cause earthquakes?** |



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| Which country was this picture taken in and how did the boat get there?  |
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| Watch the earthquake animation video on geographypods from 1:20. Annotate the diagram below to show how a conservative plate boundary causes earthquakes to happen.  |
| geographyalltheway.com - Plate Boundaries |
| Now go back to your A3 volcanoes sheet and make a copy of this diagram (using a pencil and a ruler) and then complete the 100-word summary to explain how conservative plate margins can cause earthquakes.  |

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| Define the following two terms in the space below.  |
| Focus of an earthquake. |  |
| Epicentre of an earthquake. |  |



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| Study the chart above. It plots the magnitude of earthquake events (x-axis) against total death toll from that earthquake (y-axis). Describe the relationship shown on the graph.  |
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| Effects are often classified as primary and secondary impacts. Primary effects occur as a direct result of the ground shaking, e.g. buildings collapsing. Secondary effects occur because of the primary effects, e.g. tsunamis or fires due to ruptured (burst) gas mains. |



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| Using the video on geographypods, create a spider diagram in the space below that explains the factors that affect the impact of earthquakes.  |

