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Plate Tectonic Stories Competition

To celebrate the 50th anniversary of the theory of plate tectonics we have launched our Plate Tectonic Stories Competition!

We are inviting all primary, secondary and 6th form college geography, geology, science, technology, art and even dance classes to get involved and tell us a plate tectonic story of your own by creating something that brings plate tectonics to life and demonstrates some of the processes involved.

We want your students to be as imaginative as possible, classes could create a model of a continental rift or subduction zone, bake a volcano, film a way of explaining earthquakes, research a project on their favourite plate boundary, design a plate tectonics puzzle or game it's really up to the students! As a starting point classes could use one of our plate tectonic stories (www.geolsoc.org/tectonicstories) as inspiration, research through our online plate tectonics learning module (<https://www.geolsoc.org.uk/Plate-Tectonics>), read one of our factsheets or use our plate tectonics passport activity in the classroom.

Your school could get involved as part of a lesson on Earth science, after school club, extended project, homework task, class activity or whole school activity. You can even request a Geology STEM Ambassador to visit to your school to give scientific advice on your project (www.geolsoc.org.uk/STEMAmbassadors).

Each participating school will receive a FREE A1- sized educational poster for their classroom as well as having a pack of useful teaching resources available to download on our website.

Winning schools will also receive a selection of Earth science books (to the value of £150, £100 and £50) as well as some Geological Society goodies and certificates!

Once you have finished your entry complete the **Competition Entry Form** and send us your entries by email to amy.ball@geolsoc.org.uk or by post to:

Plate Tectonic Stories
The Geological Society
Burlington House
Piccadilly
London W1J 0BG

All competition entries must be received by **30 April 2018**.



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Competition Entry Ideas: Key Stage 1-2



Show us how volcanoes form and how they are related to tectonic plate boundaries



Find out about the different types of plate boundaries and make models for your classroom

Mid Ocean Ridge and subduction zone model



Subduction zone cake

Demonstrate how the Earth's crust is split up into tectonic plates

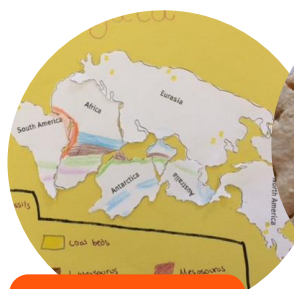


Plate tectonics
Pangaea puzzle



Biscuit tectonic plates



Sponge continents on water heated by candle



Continents on folded cardboard

Playdough layers of the Earth



Show us the structure of the Earth with pop up models or animations



Ted-Ed Pangaea Pop up:

<https://www.youtube.com/watch?v=p-vNSqUy0I4>

Investigate how tectonic processes can cause natural hazards such as earthquakes and tsunamis

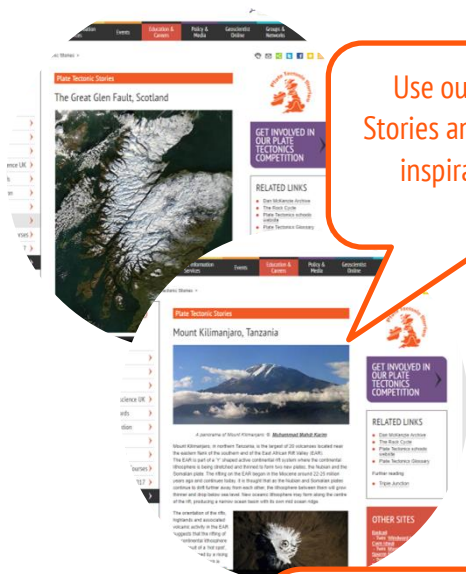


Jelly earthquakes



Tsunami wave simulator

Competition Entry Ideas: Key Stage 3-5



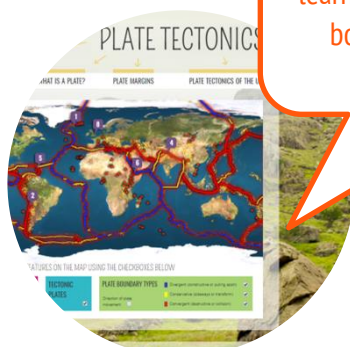
Use our Plate Tectonic Stories and twinned sites as inspiration for a class project

Show us the structure of the plate boundaries with models, videos and animations using technology, art and IT skills



Supplement your project using our Plate Tectonics online learning platform to learn more about different types of plate boundaries and the history of plate tectonic theory.

Organise a fieldtrip to one of our Plate Tectonic Story sites and write a field report or make your own geological map



Make a poster on your favourite plate tectonic story or plate boundary.



Design a game or puzzle to demonstrate continental drift and other plate tectonic processes



Why not consider planning your plate tectonic story using:

- Science investigations & experiments
- Writing
- Art and Design
- Animation and IT
- Textiles
- Outdoor activities