

Curriculum tasks for 2 weeks

New Geography unit: Earthquakes

Task 1 (Geography):

Watch the PowerPoint labelled Presentation Earthquakes. You can also visit:

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zj89t39>

This will give you some background information to understand more about why, where and how earthquakes are measured. Complete the measuring Earthquake Activity Sheet to demonstrate your understanding of the Mercalli Scale (there are 3 differentiated levels of the activity)

Task 2 (Geography):

Use the earthquake glossary game to further your understanding about key language.

Read the sheet a few times to familiar yourself with it then carry out the activity as explained on the sheet

Use this new knowledge to complete the Earthquake cross-section labelling sheet

Task 3 (Art):

Time to create your own Earthquake-proof building! Study the buildings shown on the sheet. How might their shape and structure help them in an earthquake?

There are 3 different levels of activities as some sheets will give you support if you need it in some areas.

Task 4 (Geography):

<https://www.bbc.co.uk/bitesize/topics/z849q6f/articles/zj89t39>

Watch the above clip so you can learn a little more about how powerful an earthquake can be.

Now it is time to find out where the most famous Earthquakes have happened around the world. Use the longitude and latitude co-ordinates to locate where they were. Do you spot a pattern?

Task 5 (Design and technology):

You are now going to carry out a science experiment. You are going to create a wave box so you are able to see how the waves created by an earthquake can differ. Open the word document labelled Science Experiment and follow the instructions given to create your very own wave box!

Task 6 (Geography):

<https://youtu.be/OinfMLdornU>

Watch the PowerPoint labelled Tectonic plate PowerPoint and the link above, this will support the learning from task 4. Use this knowledge to complete the tectonic plate activity sheet.

Task 7 (Science):

Open the PowerPoint labelled Design own animal and habitat. This will remind you about the different types of habitats that we have around the world and animals that live in them. When you have watched the PowerPoint use the Design your own animal and habitat PDF. Your task is to take inspiration from the images you have just looked at and use your worksheet to create your own creature! Remember that it can be as crazy as you want!

Task 8 and 9 (Science):

Time to test your knowledge of animal groups. Watch the PowerPoint labelled Grouping Animals. This is going to tell you all about the different groups that animals fall into. It lets you know what the main animal groups are e.g. mammals, fish etc and why they are put into those groups.

You are now going to rise to the challenge and complete the escape the room challenge. The PowerPoint labelled Escape the room PowerPoint can be used as well as the Escape the room parent guide. Put the idea is that you need to solve a series of 9 clues in order to find the code to escape. The set of clue cards need to be placed in one or multiple rooms/outside and then your job is to use the Escape the room recording sheet to solve the clues and escape!! Good luck!

Task 10 (Science):

Your last task requires you to look back at the animal you created in Task 7. Which animal group would your animal fall into and why? Write a short paragraph about which group your animal would fall into and why. If it does not fit in one, could you create a new animal group and a set of criteria that would allow other creatures to be in it?