


Year 3 Homework for the Summer 1 Term - Rocks, Relics and Rumbles topic work

Your homework this term is linked to our topic work on the Rocks, Relics and Rumbles topic. Each activity has been given a number of points. **Your total to be at least 20 points with your chosen activities combined.** We will provide you with paper if required, please come and ask us for it.

Homework Deadline week beginning 18.05.23

<p align="center"><u>Amazing Buildings</u></p> <p>Create a model of the layers of the Earth using a range of materials such as coloured paper, play-dough, or draw a poster. Label each layer and write a short description about each layer's features. 6 points</p>	<p align="center"><u>Rock Types</u></p> <p>There are three main rock types. These are sedimentary, igneous and metamorphic. Briefly describe how each type is formed, their properties and at least two examples of each type. 4 points</p>	<p align="center"><u>Earthquake Story</u></p> <p>Imagine that you have just experienced an earthquake. Write a short story about what happened. Use topic vocabulary to describe the strength of the earthquake, such as tremor, epicentre, magnitude and seismic wave. 4 points</p>
<p align="center"><u>Identify Rocks Walk</u></p> <p>Go on a walk around your local area. identify how rock is used in human features. Draw or take photographs of a range of different features made from rock. Can you identify the different types of rock and say why they have been chosen for particular purposes. 4 points</p>	<p align="center"><u>Mary Anning</u></p> <p>Make an information poster about Mary Anning, the famous fossil collector who lived in Lyme Regis. Include images and interesting facts. Share your poster with a family member once it is complete. 6 points</p>	<p align="center"><u>Volcano Poem</u></p> <p>Write a poem on the theme of volcanoes. You might like to write about an eruption, a specific volcano that you have learned about or the damage caused after a volcanic eruption. Try to include expanded noun phrases in your poem. For example, scorching hot, exploding lava or jet-black clouds. 4 points</p>
<p align="center"><u>Volcanic Explosion</u></p> <p>Use food colouring, bicarbonate of soda, vinegar, washing up liquid and water to replicate a volcanic explosion. Record a video clip of the explosion. See this National History Museum link for more details. https://www.nhm.ac.uk/discover/how-to-make-a-volcano.html 4 points</p>	<p align="center"><u>The Jurassic Coast</u></p> <p>The Jurassic Coast is England's only natural World Heritage Site. The many different rocks crammed into this 95-mile stretch of Dorset and East Devon coastline create a wonderfully varied landscape. Many people come to visit the Jurassic Coast. Imagine you have visited West Bay as a tourist. Make a postcard explaining what you did on holiday. 6 points https://www.youtube.com/watch?v=3eMUdqSu2Kc</p>	<p align="center"><u>Design and test an earthquake-resistant building</u></p> <p>Research earthquake-resistant structures and their features. Then design and create your own building that would withstand damage from an earthquake. Try making your building from lego or cocktail sticks and mini marshmallows. You could even replicate an earthquake by putting it on a tray of jelly and shaking it to test how strong the building is! 6 points</p> 

Useful websites

DKfindout! - Earth's Layers - Inside the Earth

Britannica Kids - Plate tectonics

DKfindout! - Rocks and Minerals National Geographic Kids - Mary Anning Facts!

DKfindout! - How Tectonic Plates Move

BBC Bitesize - Latitude and Longitude

DKfindout! - Earthquake Facts

Good reads

Title	Author	ISBN
Earth (DKfindout!)	DK	9780241285107
A Finders' Guide to Rocks, Fossils and Soils (Collins Big Cat)	Alison Milford	9780008208776
Everything Volcanoes and Earthquakes	National Geographic Kids	9780008267810
Volcanoes and Earthquakes Activity Book (KS2 Discover and Learn)	CGP	9781782949732
Mary Anning: The Girl Who Cracked Open The World	Debora Pearson	9780435164546