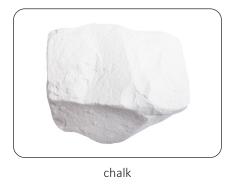
Rocks, Relics and Rumbles



These activities are for you to do at home. You can do all of them or choose the ones that you find most interesting.

Activities

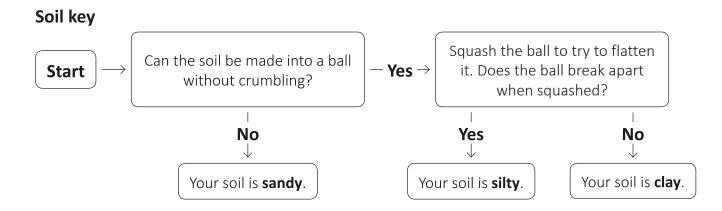
- 1. Create a model of the layers of the Earth using a range of materials. Label each layer and write a short description about each layer's features.
- 2. There are three main rock types. These are sedimentary, igneous and metamorphic. Briefly describe how each type is formed, their properties and at least two examples of each type.
- **3.** Use a range of sources to complete a table about the three different rocks shown below. Include type, appearance, properties and uses.







4. Investigate the soil in your garden and local area. Dig a hole 10cm deep and scoop up a handful of soil from the bottom. Remove large stones and roots, sprinkle a little water on it and try to work the soil into a ball. Use the soil key to identify the soil type and record your results. Be careful of broken glass and wash your hands afterwards.







- **5.** Make an information poster about Mary Anning, the famous fossil collector. Include images and interesting facts. Share your poster with a family member once it is complete.
- 6. 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.
- **7.** Find the latitude and longitude coordinates for 10 places around the world. Record the places and coordinates in a table.
- **8.** 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.
- **9.** Finish your home learning by writing a summary of the topic, explaining what you have learned about the layers of the Earth, volcanoes and earthquakes.

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 |



