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## Y3 Project 2 Learning Journey: Rocks, Relics and Rumbles

*Let us discover what lies beneath our feet. From prehistoric fossils to the earth's fiery core.*

This half term, we will learn about the different layers of the Earth, including plate tectonics and their potential effects on the Earth's surface. We will recreate volcanic eruptions to understand why and how volcanoes form. Through earthquake drills, we will learn about the precautions that people take around the world to protect themselves from the devastating consequences of natural disasters. Children will investigate different types of rocks, fossils and soils to learn about their uses and properties. They will have the opportunity to use maps, learn about the lines of latitude and longitude and use a compass to learn about the cardinal and intercardinal points.

### Subject coverage

<p><b>English</b></p> <p>English: Instructional Texts Project: Diary entry - surviving an earthquake</p> <p>Class read: The Firework Maker's Daughter</p>	<p><b>Maths</b></p> <p>Mrs Lewis group: number &amp; place value: partitioning, ordering, comparing and rounding</p> <p>Miss Kay and Mrs Evans groups: formal column addition with carrying, formal column subtraction with exchanging and multiplication</p>	<p><b>Science</b></p> <p>Rocks and Fossils</p> <p>BIG Q: How would I survive a natural disaster?</p> <p>Investigations: What is soil? What is sand? How do fossils form?</p>
<p><b>History</b></p> <p>Life of Mary Anning History of Pompeii</p>	<p><b>Geography</b></p> <p>Physical geography, earthquakes, volcanos, tectonic plates.</p> <p>BIG Q: What's beneath my feet?</p>	<p><b>Computing</b></p> <p>iSafe</p> <p>Be Internet Legends</p> <p>Online safety</p>
<p><b>RE</b></p> <p>What does it mean to be a Jew? (Judaism continued)</p>	<p><b>Music</b></p> <p>Compose an Earthquake soundscape</p> <p>Learn to play the Boom whackers</p>	<p><b>PE</b></p> <p>REAL PE unit 2: linking movements and applying rules and tactics in team games</p> <p>Basketball</p>
<p><b>PSHE</b></p> <p>Celebrating difference: Why might friends and families fall out?</p> <p>Value: independence</p> <p>Anti-bullying week</p>	<p><b>Art</b></p> <p>Clay sculpture</p>	<p><b>French</b></p> <p>Les Couleurs Les Jours Les Mois Joyeux Noël</p>

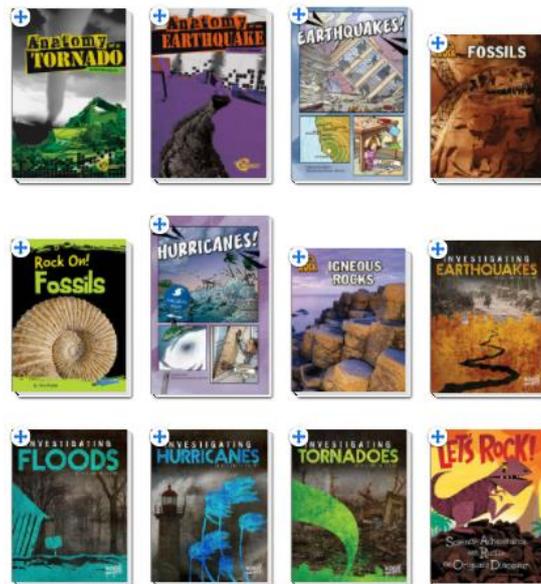
Please see the knowledge organisers sent with this document to find out what skills, knowledge and understanding your child is expected to have by the end of next term in science and their curriculum project.

## **Suggested reads**

Why not pop along to your local library and see what books they have about Rocks, Relics and Rumbles? Here are some recommended reads:

- A finders guide to Rocks, Fossil and Soils – Alison Milford
- Volcanos – Stephanie Turnbull
- Violent Volcanoes – Anita Ganeri
- Roman Town – Conrad Mason
- Mary Anning Fossil Hunter – Anna Claybourne
- Escape from Pompeii – Christina Balit
- The Pebble in My Pocket: A History of Our Earth – Meredith Hooper

Next term your child will receive log in details for an online reading program called myOn. On here they can access a wide range of digital books. Below is a selection of the books that will be available digitally:



## **Optional home learning challenges**

If after completing their reading, spelling practice, Numbots and TT Rockstars games, your child would like to complete additional home learning challenges, here are some ideas of projects they could attempt and bring in to share with their class teacher for *bonus merits*:

- Write a volcano shape poem using similes
- Research a recent earthquake
- Create a fact file about some of the world's biggest natural disasters
- Create a model or diagram to represent the earth's layers
- Write a diary extract or newspaper report about a volcanic eruption
- Go on a rocks and fossils hunt in your local area

## **Useful information**

- Y3 are scheduled to do PE on Tuesdays and Thursdays but this can change without notice so please ensure your child has their full PE kit in school every day.