



# Core Areas of Learning

## Axolotl Class Year 3/4 Summer Term

### Our Topic

Our **topic** is The “Treasures of the Earth” where we will explore where natural resources come from, how they are used, and how they shape our world, while considering important questions such as “Is it always right to dig up the Earth?”

### PE

In **PE** we will have indoor and outdoor lessons each week. Our indoor sessions will be athletics and handball and our outdoor sessions will be Rounders and the associated skills.

### Geography

In **Geography**, we will locate where natural resources are found around the world, study mountains, caves, and different landscapes, and explore how the Earth’s surface changes over time. We will also link this learning to volcanoes and the Rock cycle to understand how rocks and minerals are formed and transformed.

### Computing

In **Computing**, we will continue to learn some new elements such as composing beats and sound stories, continuing to develop their skills in animation as well as learning the basics of touch typing to help children navigate and type effectively and efficiently.

### History

In **History** we will explore how mining began in the Stone Age using simple tools like flint, compare early hand methods with modern technology, and understand how natural resources have transformed human life from basic survival to advanced industry and everyday living.

### Design & Technology

In **D&T**, we will design, build and evaluate a model cave, using a range of materials and techniques, and decorate it with cave art while considering the essential items needed for survival whilst making it appealing and functional.

### Art

In **Art**, we will develop observational drawings of rocks and crystals, focusing on shape, pattern, and detail. We will create textured paintings inspired by cave environments, experimenting with different materials and techniques, and use shading to show depth, surface texture, and three-dimensional form.

### Music

In **Music**, the children will continue to use and develop their glockenspiels skills including learning how to compose and recognise music notation. We will also look at creating soundscapes of caves and using percussion to represent mining or digging rhythms.

### French

In **French** we will be recapping and consolidating their knowledge of previous learning and finishing their unit on in the school and around the classroom before moving onto at the tearoom, café and restaurant. The children will be practising reciting and carrying on conversations in French throughout each unit.

### PSHE

In **PSHE**, we will learn how to identify risks and keep safe in the sun and around hazards such as railways and water, explore basic first aid and how to contact emergency services, and in Year 4 understand the physical and emotional changes of puberty while building confidence in using the Talk PANTS rule to stay safe.

In **English**, we will write an adventure story about a journey to find hidden treasure underground, create non-chronological reports on geology and create an explanation text explaining how fossils are formed, as well as produce persuasive writing about protecting natural resources. We will read non-fiction texts about the Earth and mining, explore poetry inspired by caves, crystals, and landscapes, and develop speaking and listening skills through debates and presentations as a “young geologist.” During all these writing tasks we will be looking at learning and consolidating the different elements of punctuation and grammar to enhance our writing. The aim of this is to build on the children’s independent writing skills, range of vocabulary and develop good stamina in writing. In our guided reading sessions we will continue to support and develop the children’s reading ability to decode, work on the prosody and fluency as well as focussing on key areas of comprehension.

In **Maths**, we will build on their number knowledge by working confidently with numbers up to 1,000 and strengthening both mental and written calculation strategies. The children will also explore fractions, including unit and non-unit fractions, developing their understanding of equal parts and how fractions relate to whole amounts. In measurement, children will apply their mathematical skills to real-life contexts by measuring and calculating time and elements of mass and capacity, where pupils will learn to measure, compare and estimate using different scales,

In **Science**, we will explore the topic ‘The Treasures of the Earth’, where we will identify and compare different types of rocks, including igneous rock, sedimentary rock, and metamorphic rock. We will investigate the properties of minerals, explore how fossils are formed, and learn about processes such as erosion and weathering. Through simple investigations, we will classify and group rocks, carry out fair tests, and record our results using tables and charts. In the second half term we will look at different inventors and explore the inventors and become scientists to produce our own eco friendly design using solar, wind or hydroelectric power.

In **Religious Education**, this term, we will explore key beliefs and practices of Islam and Christianity. They will learn about Muslim beliefs through the Qur’an and Prophet Muhammed (PBUH) and importance to Muslims. In Christianity, the children will finish off our unit on the Easter story, exploring why Christians call the day Jesus died Good Friday. Throughout the unit, we will develop skills in reflection, questioning and analysis. After our focus will be on the kingdom of God and analysing the impact of Pentecost and what this means for Christians living in society and our role in helping his kingdom flourish and thrive.