


# Year 4 – Autumn 1 Learning Overview



**Writing:** Our focus book is *The Whale* by Ethan and Vita Murrow. We will be writing a setting narrative and a newspaper report. The key knowledge and skills we will be focusing on are:

- Verb Inflections
- Fronted Adverbials
- Prepositions

**Science:** This half term, we will be focussing on Digestion and Food. We will be exploring the role of the digestive system and comparing teeth and diets of different animals as part of a food chain.

**Art:** Our key focus is Light and Dark. We will be analysing different painting techniques, comparing paintings by artists according to elements such as texture or colour and practising creating tints and shades when colour mixing.

**Geography:** Our key focus is 'Why do people live near volcanoes?'. We will be learning about the Earth's layers and their properties and developing an understanding of tectonic plates. We will also be learning how mountains are formed and plotting them on a world map, identifying patterns with plate boundaries and mapping significant mountain ranges and their continents. We will then move onto looking at why volcanoes erupt and about the two main types of volcano, understanding how humans classify volcanoes and mapping volcanoes globally and using digital imagery to explore them.

**Maths:** We are focussing on Place Value with numbers up to ten thousand this term. We will be using practical resources to help the children before moving on to pictorial and (abstract) written methods when solving problems.

**RE:** Our key focus is re-introducing Religion and world views. Our learning will revolve around the key question:

*'How might your worldview lead you to do hard things for good reasons?'*

**Computing:** Our key focus is Internet Safety. By the end of this unit, children will be able to understand how children can protect themselves from online identity theft, identify the risks and benefits of installing software including apps and understand that information put online leaves a digital footprint or trail and that this can aid identity-theft.

**PE:** Our key focus is Swimming (Oak Class), Hockey (Olive class) and Dance for both classes. This will allow the children to explore, develop and master a range of fundamental movement skills.

# Homework Menu – Why do people live near volcanoes?



Write a shape poem of a volcanic eruption using onomatopoeic (sound) words. E.g. BANG! CRASH! WHOOSH!

Find and compare the heights of different volcanoes. Present your findings in a table.

Make a set of Top Trumps cards for different volcanoes.

Experiment melting and cooling chocolate and explore the similarities to lava melting and cooling. Make lists of solids that melt and solidify. Take photos of your experiment or write about what happened.

Research some famous facts about volcanoes. Create 10 questions 'true or false' quiz. Try it out on your family or friends.

Log onto <https://www.oxfordreadingbuddy.com/uk> and select books you would like to read. Complete the quiz once you have read a story.

Log onto <https://ttrockstars.com/> and practise your times tables. Can you turn your heat map all dark green?

Think about what attracts tourists to volcanic areas. Create a tourist advert or leaflet for a real or fictional volcanic area.