

English

This term, the children will be reading the novel *The Boy Who Grew Dragons* by Andy Shepherd.



Throughout this unit, children will deepen how to structure their sentences by looking at different clauses, embed their knowledge on using paragraphs and continue to use adverbs and fronted adverbials to express time and cause. The final intended outcome will be to write a letter to parents to persuade them to have a dragon as a pet. Children will also be deepening their retrieval, prediction and inferential skills as this book will also be their text for Master Reader as well as exploring higher level vocabulary based around this text.

The second unit will be reading the novel *When the Mountains Roared* by Jess Butterworth. Children will be encouraged to think about author's choice of vocabulary to describe and entertain. They will look at literary descriptive examples such as metaphors, similes and personification as revisit fronted adverbials, sentence structure and clauses to vary their writing. The final intended outcome will be a narrative to describe a mountainous journey of their own.

Please continue to read the Accelerated Reader books and do the quizzes. We will monitor this weekly. Library day is Friday



Zones of Regulation

This term children will continue to focus on vocabulary and facial expressions for each zone (red, yellow, green and blue). Following this they will look at expected and unexpected behaviours and develop strategies to regulate in a variety of settings.



Alder Grove

Church of England Primary School

Autumn 1 - Year 4

PSHE - Being me in my world

In this first unit, children will explore why being listened to and listening to others is important in their school community. They will discover why being democratic is important and can help them and others feel valued. They will have opportunities to problem-solve and offer different solutions to help their team/ class/ school be more democratic.



Maths:

Place Value



This term the children will start looking at 4 digit numbers. The children will know that a number is made up of 1,000s, 100s, 10s and 1s and will be able to represent numbers in multiple ways. They will use this learning to find 1, 10, 100, 1,000 more or less than a given number. Finally, children will be able to compare, order and find 4 digit numbers on a number line.

Addition and Subtraction

In this next unit children will be able to find totals and differences using the column method of addition and subtraction. Children will also explore other strategies to calculate efficiently and will develop an understanding of when to use a more efficient method. They will then apply their knowledge when solving word problems and explain all answers clearly, using the correct vocabulary.

Multiplication and Division

Children will be taught strategies to rapidly recall 2, 3, 4, 5, 6, and 8 times tables. They will have learnt efficient strategies and be able to use these to apply their learning in context and to find solutions to word problems.

PE - Basketball

In this unit, children have to think about how they use skills, strategies and tactics to outwit the opposition. In basketball pupils do this by maintaining possession and moving the ball towards goal to score. Children develop their understanding of the importance of fair play and honesty while self-managing games and learning and abiding by key rules.



PE - Gymnastics

In this unit, children develop balancing, rolling, jumping and inverted movements and use these skills to create more complex sequences. Children are taught to demonstrate control in their behaviour to create a safe environment for themselves and others to work in. They work independently and in collaboration with others to create and develop sequences.

RE - Buddhism

The children will explore Buddhism and will be introduced to Buddha, his life and explore how he tried to be happy and stay happy. Using the noble eight fold path, children will reflect on their own decisions and choices in life. They will also give their opinions on whether trying to live by the eight fold path could help Buddhists be happy.



DT - Mechanisms (slingshot cars)

In Design and Technology, children will be applying their knowledge of kinesthetic energy to design build and evaluate a slingshot car. They will work independently to produce an accurate, functioning car chassis. To do this they will need to design a shape that is suitable for the project, attempt to reduce air resistance through the design of the shape and produce panels that will fit the chassis and can be assembled effectively using the tabs they have designed.



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Computing - We are software developers

In this unit, children will use scratch to plan, create, develop and test their own educational game for a target audience. They will:

- Analyse existing games and explore what makes them effective;
- Create a working prototype;
- Improve the interface of their games;
- Develop progression within their game.



Geography - Mountains, Volcanoes and Earthquakes



In this unit, children will be focusing on Mount Everest; looking at its structure and its location. Broadening this knowledge, they will study the highest peaks within each continent and the largest mountain ranges in the world. Using their geographical skills of map and data reading, they will locate and learn about the climate of areas where mountains and volcanoes lie, and how the Earth's structure can cause earthquakes.

Science - Living things and their habitats

In this unit, children will be learning to classify living things into groups, based on their characteristics. They will be looking at different habitats and the adaptations living things make in order to survive, including studying the effect of natural and human influenced environmental changes. They will apply this knowledge to create food webs for living things in different environments. Using their fieldwork skills, they will be conducting an investigation to answer a testable question.