

**Maths**

Place value: Children build on their understanding of whole numbers by reading, writing, comparing and ordering numbers up to 1,000,000. They explore the value of each digit, partition numbers in different ways, and use number lines to support their understanding. Pupils learn about powers of 10 and investigate how numbers change when finding 10, 100, 1,000, 10,000 and 100,000 more or less. They also develop their understanding of Roman numerals to 1,000 and practise rounding numbers to the nearest 10, 100, 1,000 and within 100,000 and 1,000,000.

Addition & subtraction: Children develop efficient written and mental methods for adding and subtracting whole numbers with more than four digits. They use estimation and rounding to check the accuracy of their answers and apply inverse operations to solve and check calculations. Pupils build confidence in solving multi-step word problems, comparing different calculations, and finding missing numbers. Throughout the unit, they are encouraged to explain their reasoning and choose the most appropriate strategy for each problem.

Multiplication & division: Children deepen their understanding of multiplication and division by exploring multiples, factors, common multiples and common factors. They learn to identify prime numbers, square numbers and cube numbers, developing their number fluency and mathematical reasoning. Pupils also investigate the effect of multiplying and dividing by 10, 100 and 1,000, as well as working with multiples of 10, 100 and 1,000. These skills provide a strong foundation for more complex calculations and problem-solving later in the year.

English**FArTHER by Grahame Baker-Smith**

Children will use the book *Farther* by Grahame Baker-Smith as their class text to inspire their reading and writing. They will begin by making predictions about the story using evidence from the front cover before exploring the text in greater depth through reading comprehension activities.

Pupils will develop their descriptive writing by using expanded noun phrases, the five senses, similes and metaphors to plan and write an engaging setting description. They will also write dialogue between characters and learn how to use paragraphs effectively to organise their writing clearly for the reader. They will then use these skills to write a diary entry, as well as using clues from the text to infer characters' thoughts and emotions to inform their writing. Throughout the unit, children will also continue to develop their editing skills in order to continually develop their writing.



<u>Physical Education</u>	<u>Religious Education</u>	<u>Science</u>
Netball – Defence marking, interception, range of passes, throwing and catching accurately, keeping possession of the ball, and adapting skills depending on what is happening in the game. Football – Invasion games, working as a team to gain possession by passing the ball in different ways, developing tactics for defending and attacking.	Why is it important to Muslims that Mohammed is known as the seal of the prophets? Year 5 will begin by comparing the similarities and differences between Christianity and Islam before learning about the role of prophets and some of the key prophets in Islam. Pupils will develop their understanding of why Muslims believe Muhammad is the final prophet, known as the <i>Seal of the Prophets</i>, and learn about how the Qur'an was revealed to him. They will also explore the importance of Hadiths in guiding Muslims in their daily lives and develop an understanding of the two main branches of Islam, Sunni and Shia, recognising both their similarities and differences.	In Science we will be learning about forces in action. Including friction, air resistance, water resistance, and gravity. Finishing with our egg drop challenge where the children use what they have learnt about air resistance and gravity to design a parachute and chasing that will look after their egg the best!
<u>Computing</u>	<u>Art / Design Technology</u>	<u>Geography</u>
This term we will start by reminding the children about the importance of Internet Safety. Including safe use of search engines. Before we move onto our topic of 'Systems and searching' which will allow the children to develop an understanding of computer systems and how information is transferred between systems and devices.	This half-term, the whole school Arts Week shall explore <i>Where the Wild Things Are</i> by Maurice Sendak through a creative combination of outdoor learning, Art and Design Technology. In Art, pupils will develop their drawing, painting, collage and sculpture skills. In DT, children will have the chance to design, make and evaluate models of boats and shelters inspired by Max's journey. Outdoor learning sessions will encourage exploration, storytelling and role play, enabling pupils to engage in imaginative adventures linked to the story. Children will have the opportunity to use the woodland and outdoor environment as inspiration to imagine and create their own "wild things". Throughout the unit, children will develop creativity, problem-solving, collaboration and evaluation skills while responding to literature in meaningful and engaging ways.	We will learn how cartographers draw imaginary lines to divide the world into sections – longitude and latitude - before investigating eastern and western hemispheres and use coordinates to locate places on a map. We will deepen our understanding of scale and learn to interpret relief maps.



<u>Music</u>	<u>Modern Foreign Languages</u>	<u>Personal, Social and Health Education</u>
Children will continue to develop their understanding of melody and harmony while building their musical notation skills where they will learn how to read and write notes on a stave. Pupils will apply these skills by composing, performing and refining their own original pieces of music, developing their creativity, confidence and understanding of how musical ideas are recorded and shared.	More information to follow	Within the topic of <i>Me and My Relationships</i> year 5 will explore what makes positive, healthy relationships and how to build and maintain them with friends, family and others. They will develop skills such as communication, cooperation, empathy and respect, while learning how to recognise and manage different emotions. Pupils will also consider the importance of kindness, resolving conflicts positively and understanding how their actions can affect others.

<u>Curriculum enrichment – additional opportunities, visits and / or visitors.</u>	<u>How can you help your child this term</u>
• Parachute egg drop challenge at the fire station • Potential visit from a paratrooper	Read frequently with your child, even just 5 minutes a night, and ask them questions about the book and vocabulary to develop their reading comprehension skills. https://www.topmarks.co.uk This site has many resources and you can search for different parts of the curriculum. It is especially good for times tables games. https://ictgames.com/5 This site has many fun games to help with basic maths and literacy skills. This site has the year 5 maths curriculum and each section has questions to practise Online Home - Times Tables Rock Stars Times table rockstars is a fun game to help with timestables https://www.bbc.co.uk/bitesize Useful to support all areas of the curriculum https://swiggle.org.uk/ A safe and child- friendly search engine



Deddington Primary School

Medium Term Plan for Parents

Year 5

Term 1