



# Cranborne Middle School

## Curriculum Overview

### Y6 Autumn Term

#### Core subjects

##### English

###### **Alice in Wonderland**

Our year starts with a study of extracts from this classic novel, focusing on inferring the character of the Queen of Hearts based on her behaviour and mannerisms. We look at how different characters are portrayed through language and make comparisons to modern texts, using context. Our writing is inspired by our reading, creating our own characters and descriptions, and rules for our own imaginary game based on flamingo croquet. During this half term, children also learn how to use parentheses, such as dashes and brackets, how to start sentences in different ways and what main and subordinate clauses are.

###### **Journey to the Centre of the Earth, and Poetry**

Extracts from the novel by Jules Vern are used to explore how a sense of danger is created by an author. Our writing is developing, using a wider range of techniques such as expanded noun phrases and passive voice to develop our narrative writing. In non-fiction writing, we use techniques such as brackets, dashes and rhetorical questions to explain the science of volcanoes. Finally, we finish off the term with a study of two poems based on silence and magnifying objects.

##### Maths

###### **Number and Place Value**

Throughout Year 6, children will become acquainted with numbers beyond 1,000,000 and up to 10,000,000. They will learn to read, write, order and compare numbers up to 10,000,000 and round any whole number to a required degree of accuracy. They will also need to use negative numbers in context and calculate intervals across zero.

###### **Addition, Subtraction, Multiplication and Division**

Using written methods of calculation, children will be taught to multiply and divide numbers with up to four digits by two-digit whole numbers. They will also build their mental maths skills, solve problems using all four operations and learn to check their answers using estimation.

###### **Fractions**

Year 6 lessons on fractions will teach children to apply all four operations to fractions. Children will add and subtract fractions with different denominators using equivalent fractions, multiple pairs of proper fractions and divide proper fractions by whole numbers. They will also learn equivalences between fractions, decimals and percentages.

##### Science

###### **Classifying living things**

Pupils build on their learning about group living things from Year 4 by looking at the classification system in more detail. The topic is divided into two units; pupils first revisit their knowledge of classification and creating keys, before developing their knowledge by looking at fungi and bacteria. Pupils also look at the work of Carl Linnaeus, the scientist who first made important the function of naming and classifying to 'identify' organisms.

###### **Healthy bodies**

In this topic, pupils build on learning from years 3 and 4 about the main body parts and internal organs (skeletal, muscular and digestive system). It considers life processes that are internal to the body, such as the circulatory system. The impact of lifestyle on bodies, particularly of humans, is considered. Scientists are continually finding out what is good and bad for us and their ideas do change as more research is carried out.

Foundation subjects	
<b>Art</b>	<p><b>Pop Art: Food &amp; Drink</b> The aims of this project are to develop all pupils' observed drawing and graphic design skills while learning about the colourful and fun Pop Art period of the 1960's onwards, particularly in America.</p>
<b>Computing</b>	<p><b>Computing systems and networks</b> Communication and collaboration: Identifying and exploring how data is transferred and information is shared online.</p>
	<p><b>Creating media - website creation</b> Webpage creation: Designing and creating webpages, giving consideration to copyright, aesthetics, and navigation.</p>
<b>Design Technology</b>	<p><b>Product Design: Shelf Life</b> Pupils will use oblique designing to a 3D character and develop their woodwork skills by shaping wood using a Coping and Tenon saw and using the Pillar Drill to create a character with moving parts.</p>
<b>French</b>	<p><b>What do we do at school? - Que fait-on à l'école?</b> Students identify and describe their subjects, teachers and stationary in school. Extension is provided through description with adjectives and connectives to develop the skill of giving more details.</p>
	<p><b>How and when do we learn at school? - On apprend quand et comment à l'école?</b> Students continue to develop their ability to give further details about school life, including lesson timings and transport. students will also compare British schools to French schools for an authentic learning opportunity.</p>
<b>Geography</b>	<p><b>Global Perspective</b> Students will improve on mapping skills and their world geographical knowledge by understanding latitude and longitude. With this, they will compare climates in locations and understand the impact on humans.</p>
<b>History</b>	<p><b>A Snapshot in Time</b> Pupils will complete a series of projects comparing two civilisations at similar time throughout history, with a focus on Stonehenge and the First Pyramids. They will question and develop thinking to note connections, contrasts and trends over time.</p>
<b>Music</b>	<p><b>We Will Rock You</b> Pupils will study this classic rock song, learning to perform the different instrumental parts and then going on to create their own cover version of it.</p>
	<p><b>The Xmas Factor</b> This project involves creating a Christmas cover version of a pre-existing pop song. It is run as a whole school competition.</p>
<b>Physical Education</b>	<p><b>Football</b> Children will be looking to improve and apply basic skills for football. Tactics and strategies of play will be incorporated to closed and open environments. Developing the skills necessary to outwit opponents, ability to combine skills, (dribbling and passing etc.) and a development of anticipation will also be expected.</p>
	<p><b>Health Related Exercise</b> Pupils will partake in a range of fitness tests whilst learning how cardiovascular exercise, flexibility and strength help us stay healthy. They will learn through a range of physical tasks and challenges the main function of the heart, blood, lungs and muscles before moving on to understand why athletes need good strength and flexibility to be successful.</p>
<b>PSHCE</b>	<p><b>Being Me in my World</b> Including: identifying their goals for this year and understanding their fears and worries about the future; knowing that there are universal rights for all children but for many children these rights are not met; understanding that their actions can affect other people locally and globally; being able to compare their own wants and needs with children in different communities; feeling welcomed and valued and knowing how to make others feel the same; and caring about other people's feelings and trying to empathise with them.</p>
	<p><b>Celebrating Difference</b> Including: understanding there are different perceptions about what normal means; understanding and showing empathy with how a disability could affect someone's life; being aware of their attitude towards people with disabilities; explaining some of the ways in which one person can have power over another and knowing some of the reasons why people use bullying behaviour; explaining ways in which difference can be a source of conflict and a cause of celebration; showing empathy with people when difference is a cause for conflict or celebration; and knowing how it can feel to be excluded or treated badly by being different in some way and appreciating people for who they are.</p>
<b>Religious Education</b>	<p><b>Values</b> In this unit, pupils will consider what they value in their life and then examine in greater detail Christian values, such as love and forgiveness and the implications these have for a believer. Pupils will be expected to give their own views on topics discussed as well as understanding other's ideas.</p>

