



# Cranborne Middle School

## Curriculum Overview

### Y5 Spring Term

#### Core subjects

##### English

##### **The White Giraffe**

Pupils read the novel by Lauren St. John and extract the main ideas from the text. Year 5 then create a balanced argument using some key issues raised in the novel. We further use the book as a basis to study a different country, producing a non-fiction information leaflet about their chosen area, learning about the basic features of an information text. Discussions will prompt children to compare differences between animals that are kept in captivity in zoos and reservations, and animals that are free.

##### **Myths and legends**

Year 5 discover the history and mystery around Myths and Legends during this unit. We study tales from around the world including Aesop's Fables before travelling back in time to the world of the Ancient Greece. We study Theseus and the Minotaur, and create our very own Myth focusing on using punctuation accurately.

##### Maths

##### **Fractions**

As children work their way through Year 5, they'll tackle increasingly challenging and complex fractions problems, which will involve recognising and converting mixed number fractions, multiplying proper fractions and mixed numbers by whole numbers, and writing decimal numbers and fractions. Children will also work with percentages and decimal equivalents.

##### **Geometry**

During Year 5, children will delve deeper into the topic of angles. They'll learn to identify, measure and draw angles, and find missing lengths and angles using the properties of rectangles. Children will also learn to identify 3D shapes from 2D representations.

##### Science

##### **Material world**

In this topic, pupils learn about materials and how they change. First, pupils test properties of materials before looking at how materials dissolve, what a solution is and evaporation. Finally, pupils compare reversible and irreversible changes.

##### **Amazing changes**

In this topic, pupils extend their learning about materials, investigating how they change and which changes are reversible and irreversible. The topic concludes by looking at how these properties are applied in the real world.

Foundation subjects	
<b>Art</b>	<b>Ancient Greeks</b> The aim of this project is further develop pupils' skills in 3D design using a variety of media. Art links once again to another subject, this time their learning in History. Pupils apply their knowledge of Ancient Greece and create their own Greek coin, made first from card, then from clay.
<b>Computing</b>	<b>Programming A - selection in physical computing</b> Exploring conditions and selection using a programmable microcontroller.
	<b>Data and information</b> Flat-file databases: Using a database to order data and create charts to answer questions.
<b>Design Technology</b>	<b>Product Design: Cactus Key Rack</b> Pupils make a key rack against the given brief and specification. As well as working with clay they learn woodwork skills, such as accurate measuring, drilling, sawing and sanding to create an attractive key rack.
<b>French</b>	<b>Who is my family? - "Qui est ma famille?"</b> Students extend their vocabulary by speaking in the third person. They recycle physical descriptions and personality traits to describe members of their family.
	<b>What are my hobbies? - "Quels sont mes loisirs?"</b> Students are introduced to vocabulary for sports and hobbies. They extend their learning by describing and comparing, expressing personal preferences.
<b>Geography</b>	<b>Rain and Rivers</b> Pupils will describe and explain the water cycle and the part rivers play in this. They will explain the main stages of the water cycle, how climate change is impacting on the water cycle and rivers, and understand the rudiments of flooding.
<b>History</b>	<b>Ancient Greece</b> Pupils will study the ancient Greeks focussing on their daily life, their achievements and their influence on modern life.
<b>Music</b>	<b>The language of music and keyboards</b> Pupils will explore different forms of notation, including the treble clef and rhythms. They will use keyboards to perform treble clef notation and complete a variety of performance and composition tasks.
<b>Physical Education</b>	<b>OAA/Problem Solving</b> Children will discover and learn what makes a successful team through problem solving. The different roles associated within a team within team building sessions (leader etc). Trust exercises, basic map skills, as a team and individual in a competitive situation.
	<b>Dance</b> Based on the theme of 'Ancient Greeks' children will learn about the origins of Greek Gods and the link to modern day Olympics. Children will learn how to follow and pick up a motif, as well as be able to show their own creativity by appropriately choreographing sections of their dance. An ability to peer assess and provide sensitive feedback will be included within the sessions.
<b>PSHCE</b>	<b>Healthy Me</b> Including: knowing the health risks of smoking and some of the risks of misusing alcohol, including anti-social behaviour; being able to make an informed decision about whether they choose to smoke or drink alcohol; describing the different roles food can play in people's lives and explaining how people can develop eating problems relating to body image pressures; knowing what makes a healthy lifestyle including healthy eating and the choices you need to make to be healthy and happy; and knowing the importance of respecting and valuing their body and being motivated to keep themselves healthy and happy.
	<b>Dreams and Goals</b> Including: understanding that they will need money to help them achieve some of their dreams and identify what they would like in their lives when they grow up; know about a range of jobs and how much people earn in different jobs; identify a job they would like to do when they grow up and understand what they need to do to achieve it; to appreciate the similarities and differences is aspirations between themselves and young people in a different culture; and to understand why they are motivated to make a positive contribution to supporting others.
<b>Religious Education</b>	<b>Jesus</b> This term pupils look at the life of Jesus. From when he was born to when he was crucified, they will describe and explain what kind of man they believe he was and the Christian belief that Jesus is the Saviour of the world.