

Year 6: Autumn Term 2022-23		
	1st Half of Term	2nd Half of Term
English	<ul style="list-style-type: none"> <li>We will prepare for our entrance exams with specific emphasis on our comprehension skills, creative writing, timed papers, exam techniques and awareness of mark allocation.</li> <li>We will be reading a variety of extracts from classic fiction during our weekly reading workshop: focusing on characterisation and literary features such as figurative language.</li> <li>We will make links to our whole school 'Full Steam Ahead' theme, where applicable, by exploring texts about trains and railways and we will use these as inspiration for our own writing compositions.</li> </ul>	<ul style="list-style-type: none"> <li>We will be reading a range of texts about Africa, as a link to our Benin topic, as well as narratives that are set in the continent or written by African authors, including our class text 'Journey to Jo'burg' by Beverley Naidoo. We will use this moving book as an opportunity to learn more about the life of Nelson Mandela as we write a biography about him.</li> <li>We will analyse texts which will enable us to recognise quality writing and gain a deeper understanding of how to consistently meet our success criteria. We will focus on comprehension tasks, spelling investigations and grammar activities on a weekly basis.</li> </ul>
Maths	<ul style="list-style-type: none"> <li>We will focus on exam preparation with at least one timed paper each week to consolidate long multiplication and division, fractions, multiplying decimals, % of amounts, introduce simple algebra and BODMAS, revise area volume and surface area. Interpreting pie charts, ratio and proportion, mean, median, mode and range.</li> <li>Negative numbers; fractions: We will revise negative numbers; calculate small differences between negative numbers and negative and positive numbers; add and subtract negative numbers; compare fractions with unlike, but related, denominators.</li> <li>Shape: We will calculate the perimeter, area and volume of shapes. We will calculate the area of a triangle using the formula <math>A = \frac{1}{2} b \times h</math>; find the area of parallelograms using the formula <math>A = b \times h</math>; name and describe properties of 3D shapes.</li> <li>Division; fractions and percentages: We will use mental strategies to divide by 2, 4, 8, 5, 20 and 25; find non-unit fractions of amounts; use short division to divide 3- and 4-digit numbers by 1-digit numbers, including those which leave a remainder; express a remainder as a fraction, simplifying where possible. Find simple percentages of amounts, including money.</li> </ul>	
Science	<ul style="list-style-type: none"> <li>Classification and Dichotomous keys: We will be looking at the variety of living organisms and classifying them into major taxonomic groups. We will be constructing revision mind maps and comparing and contrasting vertebrate groups using double bubble maps. We will be studying how to construct a dichotomous key and use keys to identify organisms.</li> </ul>	<ul style="list-style-type: none"> <li>Circulation: We will study the heart and blood vessels. We will carry out an investigation to study the effect of exercise on the heart and discuss reasons for observed changes and write up a formalised scientific report incorporating scientific variables together with graphical representation of the results.</li> </ul>
Geography & History	<ul style="list-style-type: none"> <li>Geography: Using S. Sedgeman's non-fiction companion book to the 'Adventures on Trains' series, we will investigate different 'Epic Adventure' train journeys around the world using atlases, online simulations, the internet and a range of non-fiction books. We will explore the human and physical geography characteristics of these journeys and the continents and countries that they pass through. Finally, we will consider the impact that new 'Epic Adventure' high speed rail developments, such as HS2, can have on the landscape and for the economy by exploring different points of view.</li> </ul>	<ul style="list-style-type: none"> <li>Benin: We will locate the continent of Africa on a world map and compare its size and location to the UK. We will learn about some key events in African History and how the kingdom of Benin formed and came to an end. We will consider how Benin Art changes the World view of Art from Africa and will examine artefacts and sources to find evidence about Benin and learn about the culture. We will learn about the religious beliefs of the people of ancient Benin and different traditions in African History.</li> </ul>
Sport	<ul style="list-style-type: none"> <li>Football, Hockey &amp; Tag Rugby: We will be looking at the key technical aspects and tactics of the game such as penalty corners, free kicks, penalties, centre passes and scoring tries.</li> <li>Swimming: We will be working on all strokes and increasing speed whilst introducing races and distance swimming.</li> <li>Gym: We will be introducing body management using apparatus and the themes of 'Counter Tension' and 'Counter Balance'.</li> </ul>	
Music	<ul style="list-style-type: none"> <li>We will explore the relationship between rhythm and pulse, including composing and performing our own patterns within ensemble work. We will use Steve Reich's 'Music for 18 Musicians' as a basis for our exploration, including appraising, discussing, improvising and performing.</li> </ul> <p>Throughout the term we will develop our vocal skills, learning control/technique and to sing expressively.</p>	
Computing	<ul style="list-style-type: none"> <li>We will explore key aspects of e-safety and digital citizenship to encourage children to engage in smart and safe technology use and online behaviour. We will increase our familiarity with our new online learning platforms to help our overlearning.</li> </ul>	<ul style="list-style-type: none"> <li>We will be learning the basics of setting up and navigating devices, increasing our confidence in using Microsoft Office applications, focussing on skills for real life and presentation of computerised work.</li> </ul>
RE	<ul style="list-style-type: none"> <li>Islam: We will be exploring the following enquiry questions. What is the best way for a Muslim to show commitment to God? Do religious people live better lives? Do all religious beliefs influence people to behave well towards others?</li> </ul>	<ul style="list-style-type: none"> <li>Incarnation: Do Christmas celebrations and traditions help Christians understand who Jesus was and why he was born? Do sacred texts have to be 'true' to help people understand their religion?</li> </ul>
PSHE	<ul style="list-style-type: none"> <li>Being Me in My World: We will focus on identifying goals for the year, global citizenship, children's universal rights, feeling welcome and valued. We will explore choices, consequences and rewards and consider group dynamics, democracy, having a voice, anti-social behaviour and role-modelling.</li> </ul>	<ul style="list-style-type: none"> <li>Celebrating Difference: We will learn how people have differing perceptions of what normal means and discuss how disabilities can affect people's lives. We will focus on understanding how difference can be a source of conflict and a course for celebration.</li> </ul>
DT	<ul style="list-style-type: none"> <li>Bridges: We will compare the structure of different railway bridges and the materials that were needed to build them, before making a model of our own using a glue gun and junior hacksaw.</li> </ul>	<ul style="list-style-type: none"> <li>African Jewellery- we will research and evaluate existing designs, pull out key design features and then design and make our own piece of jewellery to meet success criteria.</li> </ul>
French	<ul style="list-style-type: none"> <li>We will learn about a number of French Festivals and discover more about France's physical territory. We will be able to introduce ourselves in detail and will investigate the concept of masculine and feminine gender in grammar.</li> </ul>	
Latin	<ul style="list-style-type: none"> <li>We will learn how to translate Latin sentences, adding in 'the' or 'a' as necessary. We will meet the nominative and accusative cases. We will learn about Roman houses.</li> </ul>	<ul style="list-style-type: none"> <li>We will continue to meet new vocabulary and practise recognising and translating nominative and accusative cases. We will also look at using Latin words to work out the meanings of English derivations.</li> </ul>
Drama	<ul style="list-style-type: none"> <li>We will use conscience alley to compare and contrast a range of different character views. When acting, we will use thought tracking to share important thoughts.</li> </ul>	<ul style="list-style-type: none"> <li>We will hold meetings and have debates whilst in role to explore topical issues and a range of responses and reactions. We will use our voice and expression to convey our message.</li> </ul>
Art	<ul style="list-style-type: none"> <li>We will be completing our vintage train posters &amp; then sketch of people on a train inspired by artist Ewing Paddock's 3 year painting project. We will then go onto designing Christmas cards.</li> </ul>	<ul style="list-style-type: none"> <li>We will be inspired by exploring African Benin art forms to create our own ceramic figurines in the tradition of African wooden sculpture.</li> </ul>
Outdoor Learning	<ul style="list-style-type: none"> <li>Outdoor Learning Day: We will focus on Teamwork, Leadership and Communication.</li> </ul>	