

English Children will study the e-book What is Blood? and consider the layout and key features of non-fiction text. We will link this learning with our work on the circulatory systems in our science lessons. We will produce a piece of non-fiction writing in the style of an information text. Pig Heart Boy – Children will read the text which deals with contentious issues such as ethics and family. We will follow the story of a boy undergoing a heart transplant and explore his characterisation, and the issues surrounding his life. We will use a range of grammatical features to write in a range of genre including diary and newspaper reports.	Maths Place value within 10,000,000 In this unit, children extend their knowledge of numbers from within 1,000,000 to within 10,000,000, before they go on to work with the four operations in the next two units. This includes looking at place value, ordering and comparing numbers and rounding. They will also look at number lines and negative numbers. Four operations (1) This unit allows children to develop fluency with efficient columnar written methods for addition and subtraction, without and with exchanges. Children will make links to methods they have met before and apply new learning to contextual word problems. They will learn to recognise and find common factors and multiples, before looking at prime numbers as a special example of numbers with specific factors. Next, children investigate the effects of squaring and cubing. Four operations (2) This unit builds on children’s knowledge of using formal columnar written methods for multiplication and division, including with real-life contexts. They learn about the order of operations and mental methods.	Science Why do we have blood? (circulatory system and exercise) • Why do we have blood? • How does blood get around our body? • What happens when we exercise? • What are the effects of diet, drugs and lifestyle? As scientists, we will develop our skills of observing, recording, discussing and comparing. We will use a range of scientific vocabulary confidently and accurately in practical and written contexts.	
Homework/Revision Homework will be set online on https://app.satscompanion.com/login Homework set will be mostly linked to learning that week in school but may also be a revision topic. We will also send home revision booklets for Reading, Grammar and Maths for children to work through weekly to help prepare them for the Year 6 SATs tests. We appreciate your support in guiding your children to complete these weekly and mark them together (answers are in the back) Please return to school for us to monitor any areas to work on. Weekly spellings will be allocated on https://emile-education.com/log-in-to-emile-resources/ where children can compete against each other in the class whilst revising key spelling rules. Spellings will be the same as the ones we have been learning in school during the week. Children will have login details in their planners.		Year 6 Curriculum Map Autumn 1 Miss Rennison and Mr Beck	Computing Computing systems and networks – Communication In this unit, the class will learn about the World Wide Web as a communication tool. First, they will learn how we find information on the World Wide Web, through learning how search engines work (including how they select and rank results) and what influences searching, and through comparing different search engines. They will then investigate different methods of communication, before focusing on internet-based communication. Finally, they will evaluate which methods of internet communication to use for particular purposes.
RE and PHSE In RE, we will be looking carefully at the creation story and looking at whether or not the scientific concepts of creation either complement or conflict with the story in the Bible. In PSHE we will focus on happy and healthy friendships thinking about how friendships may change as we grow, the types of behaviour that is acceptable between friends and how to resist peer pressure. Year 6 will learn to respect different relationships and stereotypes. We will also be learning about consent and the importance of consent in our everyday lives.	PE Football In this unit pupils develop their understanding of the principles of invasion games. They expand on their knowledge of the different roles of ball control, passing, attacking and defending. Dodgeball In this unit pupils improve on key skills used in dodgeball such as throwing, dodging and catching. They learn how to select and apply tactics to the game to outwit their opponents. 6ER PE Days - Monday and Friday 6JB PE Days - Monday and Thursday	Geography and French The first French topic is Habitats. We will learn vocabulary for the animals and the types of habitats they live in before rehearsing both our oral and written French. Why Does Population Change? In this unit children will learn all about global population changes and be able to: Identify densely and sparsely populated areas. Describe the increase in population over time. Begin to describe what might influence the environments people live in. Explain why some people have no choice but to leave their homes. Describe impact of climate change on the global population.	Creative Arts-Music and Art or DT Music - World Unite Children will be exploring rhythm, movement and dance. Children will learn about beat, syncopation, pitch, harmony, and take a trip around the world to celebrate music from different parts of the world. ART: Observational drawing and clay sculpture. Children will learn about sketching techniques including, line tonal shading and how to use sketching pencils effectively. We will look at sketches of the heart made by Leonardo Da Vinci and create our own. From this, we will move on to use our observational sketches to create a clay sculpture of the heart. We will learn about how to manipulate clay and how best to join pieces together before creating our final sculpture.