

Year group	5	Learning Overview			Term	1
Maths 	Writing 	RE 	Science 	Geography 		
In Maths, we will develop our understanding of numbers up to 1,000,000. We will learn to read, write, partition, compare and order large numbers, use number lines and explore powers of 10. We will also investigate how numbers change when adding or subtracting multiples of 10, 100 and 1,000. This focus on place value will be the foundation for Maths for the rest of the year.	This term, our writing will be based on The Golden Cage by Anna Castagnoli. We will be writing character studies of the main Character Valentina and thinking about how she behaves towards others. Our grammar will focus on using the best adjectives we can to describe things, punctuating speech correctly and using different conjunctions.	We will be starting the year by focussing on a world religion and studying Judaism. We will consider the major festivals such as Rosh Hashana and Yom Kippur and reflect on how this forms Jewish Identity. The stories of Esther and Haman and of Hanukkah will inspire our learning.	This term, the children will be learning about Forces. We will recap pushes and pulls and look at gravity in depth. We will then plan and undertake our own experiments on air resistance. We will end the term with a workshop on gears, pulleys and levers.	This term, our learning question is 'How is India saving the tiger?' We will identify the types of biomes in which tigers live and locate the countries across Asia where they can be found in the wild. We will learn about the climates found within the Tropics of Cancer and Capricorn and explore how these climates influence the environments in which tigers live. In addition, we will investigate the impact humans have on tigers and their habitats.		
DT 	Computing 	PSHE 	Reading 	PE 		
We will be making a Cam Toy this term. The children will learn what Cams are, how they are used in real products and then design and make a toy either for themselves or someone they know. This will involve using saws to cut wood and dowel and using the hot glue guns safely to join everything together.	After beginning the year reminding the children of the importance of Online Safety, we will then focus will be on databases and how computers store information. We will continue using Purple Mash and explore and create various databases about many different things.	This term, we will be focusing on 'Me and my relationships'. This unit will develop ways in which we communicate with friends and how we can help ourselves be more assertive in situations and develop strategies to handle emotions.	In our reading lessons this term, we will be reading 'Letters from the Lighthouse'. This book is set in World War Two and has lots of mystery and questions about how humans behave towards one another. This will prepare us well for when we study the war in our History unit in term two. We will use our reading sessions to expand our vocabulary and improve our comprehension skills.	This term, for outside PE, we will be focussing on football. We will be improving our defending and attacking skills whilst developing good teamwork and collaboration skills. For inside PE, we will be focusing on improving our fitness. Our sessions will develop speed, agility, coordination, balance, stamina and strength.		

