

RE – As we will be learning about engineers and how they solve problems in our world, in RE we will discuss a part of a Gospel - ‘What kind of world would Jesus want?’ We will also think about what kind of world we would like to see and what actions the children are willing to take to bring this kind of world about?



Maths – Throughout the term, we will be developing our understanding of place value of numbers up to 100,000. We will read, write order and compare the numbers, as well as counting forwards and backwards in steps of powers of 10 for any given number. When calculating, we will be using mental strategies to calculate quickly and will explore efficient written methods. In Geometry, we will be learning about the properties of 3D shapes and will be accurately measuring and drawing lines to the nearest millimetre.

Out of This World – Y5



Science – Our Engineer Academy will focus mainly on how Levers, Gears and Pulleys work to make simple machines. We will also look closely between the link of STEM and engineering. Later on in the term, we will learn all about Earth and Space, including planets, other celestial bodies and constellations.

ICT – By making cross-curricular links to Science, we will learn how to use data logging equipment, as well as learning about how to use the internet and online apps safely. We will also research about a variety of careers in engineering.



Topic – Our topic work will be Science based this term and will allow us to explore what it takes to become an engineer. We will be looking at the importance of STEM (Science, Technology, Engineering and Maths) and how it is used to solve our world’s problems.

English – We will be reading “Cosmic” by Frank Cottrell Boyce and learning to make inferences and deductions, as well as exploring character’s feelings and actions through role play, axis of emotions and other creative activities. In writing, we will be immersing ourselves in poems and stories about Space and biographies about astronauts. We will learn to construct our own versions of these texts using age appropriate, vocabulary, punctuation (such as commas for clauses) and correct English grammar (such as correct irregular verbs, expanded noun phrases, and cohesive devices). In Spelling, we will be focusing on spelling words with specific suffixes as well as spelling all of the words from the Y5/6 spelling list.

PE -In PE this term the children will develop their invasion games knowledge by learning the skills and tactics of a variety of games such as football, netball, basketball and rugby. The children will learn basic skills such as dribbling, shooting, attacking and defending as well as the rules for each game before implementing them into a game situation.

Art/DT – In Art, our topic will be “Still Life” so we will be learning about how to see objects from different angles and perspectives, and through developing our observational drawing/ painting skills. In DT, we will kick start our topic with a ‘junk modelling’ day where the children will go through the same process as an engineer, designing and making their own inventions to graduate from ‘Engineer Academy’. We will then look at the importance of evaluating effectiveness of a product and developing further.