

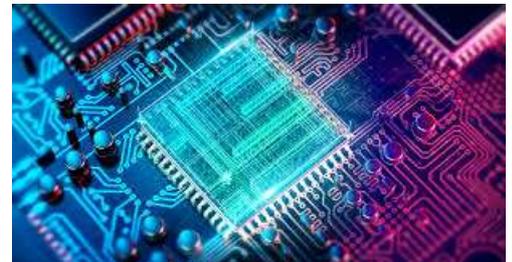
London Plane Class Spring Term 2021

Tomorrow's World



This project teaches children about modern communication, including how to build a website, e-safety and the movers and shakers in the world of technology.

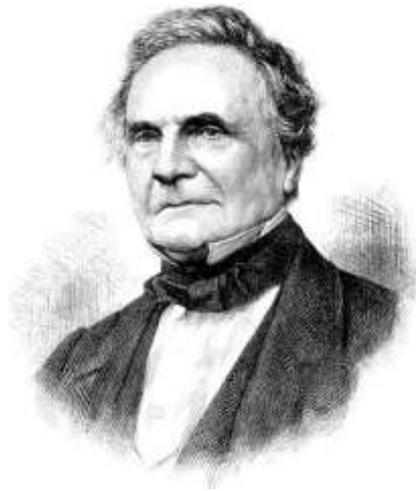
As Mathematicians, children will focus on using co-ordinates, reflection and translation to begin with. They will then move on to explore the concept of decimal numbers. The recap steps at the beginning of this block will ensure children have a good understanding of numbers up to three decimal places before moving on to multiplication and division. This should build on place value work in the autumn term. Children will move onto understanding percentages. Time spent exploring 100 as a denominator, making the link to decimals and hundredths is important. Bar models and hundred squares will be used to support understanding. We finish this half term by looking at algebra. Children will look at forming expressions before moving on to solving more complex equations. This will be introduced using concrete and pictorial methods alongside the abstract notation.



In English, children will continue to write in for a range of purposes and audiences, for both formal and informal purposes. These include formal emails, blog posts, website home pages and newspaper reports. They will be encouraged to make clear choices independently and to reflect on the effectiveness of these choices both within their own work and that of others. They will be immersed in a range of high quality fiction texts, including *StormBreaker* by Anthony Horowitz, exploring new vocabulary and using our inference and deduction skills to support meaning. Children will extend the range of punctuation that they are choosing to use consistently: colons, semi-colons, brackets and ellipses. They will have spellings to work on each week and these will focus of the key Year 5/6 vocabulary.



In Religious Education, children will complete a unit exploring the key question of “How do questions about Brahman and atman influence the way a Hindu lives?” They will explore how Hindu lives are guided by their belief in god, influencing how communities support each other.



As Historians, children will describe some of the greatest achievements of mankind and explain why they are important, in the context of significant moments of computing and the World at these times, alongside the people who made these discoveries. They will have the opportunity to find out more about the work of Tim Berners-Lee, Steve Jobs, Sir Jonathan Ive, Bill Gates, Steve Wozniak, Alan Turing, Mark Zuckerberg, Marissa Mayer, Susan Wojcicki, Jack Dorsey, Sheryl Sandberg and Blaise Pascal.



As Artists, children will explore a modern Artist and experiment with digital techniques.



As Scientists, children will recap how light travels. They will look at how light travels in a straight line, is reflected at the same angle at which it strikes a surface and how lasers are used in everyday life.

As Musicians, children will compose music using digital music applications. This music will be the theme tune to our blog/podcast episodes.



In Computing, children will explore a whole range of uses of modern day technology. We will explore everyday networks, blogs, vlogs and podcasts. We will look at how webpages are created, increase our knowledge and use of coding on screen and using programmable robots.



In PSHE, children will deepen their awareness of e-safety in lots of different contexts. They will have the opportunity to develop school-wide approaches through the concept of digital leaders.



In Physical Education, children will be working on a variety of team and individual games, including badminton, 'boot camp' and team challenges.