

English	Maths
<p><u>The Firework Maker's Daughter by Philip Pullman</u></p> <p>As we read this adventure story we will explore cultures and gender stereotypes as we follow the main character Lilo on a journey that all aspiring firework makers must go on. Using this text the children will write a diary, a narrative and a letter. For each writing outcome we will delve into what makes a good piece of writing fitting with each genre.</p> <p><u>The Piano</u></p> <p>From this very powerful animation the children will be writing a narrative with a flashback. They will describe the setting and action and then change the place and time using text signposts. In addition to this, the children will deepen their understanding of figurative language, relative clauses and using effective expanded noun phrases.</p> <p><u>Links:</u></p> <p>https://www.literacyshed.com/piano.html</p> <p>https://www.booktrust.org.uk/what-we-do/childrens-laureate/joseph-coelho-biography/</p> <p>https://www.topmarks.co.uk/english-games/7-11-years/spelling-and-grammar</p>	<p><u>Area and Perimeter</u></p> <p>The children will explore formulas for calculating the area and perimeter of rectangles. They will also work with rectilinear and compound shapes, which will include finding missing dimensions.</p> <p><u>Properties of shapes</u></p> <p>The children will learn how to use a protractor accurately, as well as estimating and calculating angles. They will also learn about regular and irregular polygons and develop their reasoning skills when working with 3D shapes.</p> <p><u>Position and direction</u></p> <p>The children will recap describing positions on a grid, They will then learn to translate and reflect shapes in the four quadrants.</p> <p><u>Volume and capacity</u></p> <p>The children will recognise and work with cubic centimeters, estimate and calculate volume as well as compare the volume of different shapes. They will conclude this unit by estimating capacity.</p> <p><u>Converting measures</u></p> <p>The children will learn to convert metric measures and apply this to problem-solving. They will also look at imperial measures and begin to make some conversions with metric measures. They will complete this unit by looking at time and reading timetables.</p> <p><u>Key Words/Links:</u></p> <p>Faces, edges, vertices, regular, irregular, angles, protractor, polygons</p> <p>metres , kilometres, grams, kilograms, conversion, metric, imperial</p> <p>quadrant , co-ordinates, axis, translate, reflect, mirror line/ line of symmetry.</p> <p>https://www.topmarks.co.uk/Search.aspx?q=3D+shapes</p> <p>https://www.topmarks.co.uk/maths-games/7-11-years/measures</p>

Science	Computing
<p><u>Forces (Continued)</u></p> <p>The children will conclude this unit by learning about simple mechanisms including levers, pulleys and gears. They will carry out practical investigations to explore how each of these work and explore the laws of physics associated with them.</p> <p><u>Key Words/Links:</u> Mass, weight, force, direction, push, pull, gears, levers, pulleys</p> <p><u>KS2 Science Quiz: Dive into Forces Exploration</u></p> <p><u>Earth and Space</u> This Science topic will investigate the interactions of the planets in our solar system. The students will study how the elliptical movement of the Earth around the Sun affects us. They will then go on to research about our own solar system as well as the universe beyond this.</p> <p><u>Key Words/Links:</u> Solar system, elliptical, orbit, phases, planets, gibbous, moon, waxing, waning, dwarf planet, seasons, year.</p> <p><u>The Planet Song Space Explained by KidsLearningTube</u></p>	<p><u>Graphic modelling: Tinkercad (Continued)</u></p> <p>The children will be introduced to the graphic modelling computer program, 'Tinkercad'. They will use this to create and manipulate 3D objects; to explore alternatives; to identify patterns and relationships. This will include creating their own graphic models eg. a classroom, and a dream bedroom. They will also think about scale models and try to create their own designs to scale.</p> <p><u>Stop Motion Animation</u> The children will experiment with and explore the world of stop-motion animation looking at how this has changed over the last century. They will then create their own simple characters and storyboard. By working in a small group they will then develop their own animation.</p> <p><u>Key Words/Links:</u> 3D , rotate, flip, object, scale Stop motion, animation, images, characters, storyboard and frames.</p> <p><u>What Is Stop Motion Animation and How Does It Work? Mashable Explains</u></p>
Humanities	PSHE
<p><u>How the UK changed from the Tudor to the Georgian Times (Continued)</u></p> <p>The children will build their chronological knowledge and compare the durations of the different time periods in Britain. They will examine how the Tudor, Georgian and Victorian time periods have influenced London and wider Britain as a whole. They will also compare and contrast trends over this time period.</p> <p><u>Key Words</u> Chronology, period, era, economic, trade industry, Great Fire of London, plague.</p> <p><u>North and Central America</u></p> <p>The children will use maps, atlases, globes and digital mapping to locate the countries of North and Central America. They will also begin to identify key human and physical features of these countries.</p> <p><u>Key Words</u> Continents, countries, states, capital cities, topography, climate, hemisphere, longitude, and latitude.</p>	<p><u>Be yourself</u> This unit is inspired by the idea that we are all individuals and that it is important to 'be yourself'. It aims to encourage the children to develop a positive view of themselves and enable them to recognise the importance of being proud of their individuality</p> <p><u>Key words</u> individuality , positivity, self-image, self-worth, pride</p> <p><u>It's my body</u> In this unit of work, children will learn about how to take care of their bodies. This will involve learning about consent and autonomy, learning about body image and stereotypes and learning about substances which are harmful to our bodies. Children will also learn about the importance of sleep, exercise and hygiene.</p> <p><u>Key words</u> consent, autonomy, body image, stereotypes, hygiene, health, exercise.</p>

Special Notices

- Encourage your child to practise their multiplication tables up to 12 x 12 using TTRS.
- Encourage your child to read regularly (fiction and non-fiction books) either using Bug Club, EPIC books, Sora or physical books.
- Encourage your child to practise their spelling words regularly and to write them into sentences.
- Ensure that your child completes their homework by the specified deadline.

If you have any queries on any of the links or content please contact your child's class teacher