



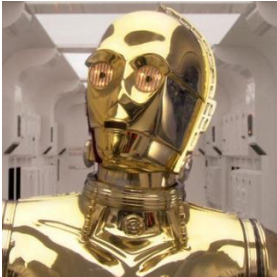


<p>Dear Parents & Carers, Here is our Enquiry question for this term. Please use this information to help your child research or find things to bring into class to support our learning. Have fun! Mrs Jones</p>	<div style="text-align: center;">  <p>St.Robert's R.C.  Primary School DOSBATH SEREN</p>  </div>	<p style="text-align: center;"><u>SPRING TERM 2020</u> May The Power Be With You! <u>Enquiry Question: Can we live without electricity?</u> <u>Client: C-3PO</u> <u>Commission: investigate different robots to help us to code, make circuits, investigate electricity and renewable ways of making electricity. Then, enter the Primary Leaders Engineering Award</u></p>
<p>As READERS & AUTHORS we will: <u>Fiction: Read and explore:</u> Swallow's Journey - Hamilton Animated Tale & Hamilton Group Reader The Lion and the Bird by Marianne Dubuc The Flat Rabbit by Bárður Oskarsson Children read three animal stories - The Swallow's Journey, The Lion and the Bird and The Flat Rabbit - then write their own versions of these tales. <u>Non-Fiction: Read and explore:</u> Instructions. Read and discuss Imaginary Fred by Eion Colfer. Describe what would be the ingredients for a perfect imaginary friend. Write sets of instructions. Investigate alphabetical order. <u>Poetry:</u> The Owl and the Pussy-cat by Edward Lear Macavity the Mystery Cat by T.S. Eliot The Song of Mr Toad - Hamilton Group Readers Beginning with Macavity, children are introduced to classic poems. They explore another classic, The Owl and the Pussycat. They perform & write a continuation using ideas from The Further Adventures of The Owl and the Pussy-cat. We will continue with our Oxford Tree Top and Oxford Reading Scheme sessions. We will also develop our spelling through short burst sessions throughout each week. Book Bag Reading sessions will continue <u>Tuesdays and Fridays.</u></p>	<p>As MATHEMATICIANS we will: Rehearse place value in 3-digit numbers, multiply and divide by 10 (whole number answers); Add pairs of 2-digit numbers using partitioning (crossing 10s, 100 or both) and then extend to add two 3-digit numbers Recognise and sort multiples of 2, 3, 4, 5, and 10; double the 4 times-table to find the 8 times-table; Identify 1/2s, 1/3s, 1/4s, 1/6s, and 1/8s; realise how many of each make a whole; find equivalent fractions; place fractions on a 0 to 1 line; find fractions of amounts Recognise right angles and know they are 90°; understand angles are measured in degrees; recognise ° as the symbol for the measurement of degrees; name and list simple properties of 2D shapes; begin to understand and use the term perimeter to mean the length/distance around the edge (border) of a 2D shape; Place 3-digit numbers on empty 100 number lines; round 3-digit numbers to the nearest ten and to the nearest hund./thousand; Subtract pounds and pence from five pounds; use counting up (Frog) as a strategy to perform mental subtraction of amounts of money; Add 2-digit to 3-digit numbers mentally using place value and rounding; add two 3-digit numbers using expanded and compact written methods Tell the time to the nearest minute on analogue and digital clocks (minutes past and minutes to); time events in minutes and seconds; find a time after a given interval</p>	<p>As EXPERTS in RE we will: Follow the 'Come and See' themes of:</p> <ul style="list-style-type: none"> • <u>Journeys</u> - Community and Local Church - The Journey we take through a church year • <u>Listening and Sharing</u> - Relating and Eucharist - The Mass and the Sacrament of Holy Communion • <u>Giving All</u> - Giving and Lent/Easter - The Journey we take in Lent towards the events of Easter Sunday. <div style="text-align: right;">  </div>
<p>As HISTORIANS we will: Find out about the development of electricity over time. Explore Inventors and Inventions such as Isambard Kingdom Brunel and George Stephenson</p>	<p>As GEOGRAPHERS we will: Continue our Spring Bulb Watch Project and watch for flowering times of our daffodil and crocus bulbs. We must continue to record temperature and rainfall each day and send the data to Professor Plant each week. Explore the geography of Wales linked to Eisteddfod</p>	<p>As SCIENTISTS we will: Investigate Electricity and electrical safety Create circuits using bulbs, motors and buzzers Test materials in a circuit to see if they conduct electricity Investigate light and shadows Look at reflections and how they are made.</p>

<p>Find out about the work of Benjamin Franklin.</p>	<p>Explore the outdoor area, developing numeracy skills of perimeter and area. Investigate different forms of Renewable Energy to make Electricity</p>	<p>Explore Sounds and Pitch by testing Hearing / Sounds Visit Technquest to gain a further understanding of electricity. Interview Iulia Motoc, a Robotics Engineer and take part in the Primary Leaders Award for Young Engineers.</p>
<p>As MUSICIANS we will:</p> <p><u>Glockenspiel Stage 1</u> Learning basic instrumental skills by playing tunes in varying styles.</p> <p>The learning is focused around exploring and developing playing skills through notes from the glockenspiel</p> <p>Listen to different pieces using D and E notes</p> <p>Learn rhythm patterns from music pieces and collaborate in groups</p>	<p>As ARTISTS and DESIGNERS we will:</p> <p>Explore robots, 3D shapes and combine to create a robot friend.</p> <p>Sketching/Drawing robots using 3D shapes and a variety of media.</p> <p>Create robot models using modelling, playdough and clay.</p> <p>Investigate the artwork of Andy Warhol</p>	<p>As WELSH SPEAKERS we will:</p> <p>Continue to develop use of Welsh throughout the day and in Helpwr Heddiw time. Respond to instructions and ask questions in Welsh. Focus on language patterns based on Anifeiliaid Anwes - Pets</p> <ul style="list-style-type: none"> ➤ Animal names ➤ Using eisiau - want ➤ Using gallu - to be able to <p>Fi a Fy Ffrindiau - Me and my Friends</p> <ul style="list-style-type: none"> ➤ Parts of the body ➤ Feelings <p>Communicate clearly and confidently and use intelligible Welsh pronunciation and intonation Listen to and read Welsh stories and sing Welsh songs.</p>
<p>As COMPUTER SCIENTISTS we will:</p> <p>In Computer Science, we will recognize the difference between input and output devices and know what an algorithm is and are able to write, use and spot patterns in algorithms. We will create a sequence of moves into its parts and decompose a sequence, explaining why this is useful and how decomposition is used when creating computer games. We will follow directional instructions and use simple directional instructions in Logo.</p> <p>In Digital Citizenship, we will understand what makes a powerful password. Learn that we have an on-line community and we need to be fully aware of who we know in our on-line community. We continue to be creating, communicating and collaborating by researching using the internet, using word processing and desktop publishing software.</p>	<p>As PHILOSOPHERS we will:</p> <p>Think about 'Happiness' and 'Sadness' Explore the concepts of Compassion and Love Can we live without electricity? What would life be like? Would it be better or worse?</p> 	<p>To be HEALTHY and ACTIVE we will:</p> <p>Learn some welsh folk dances and develop understanding of how to use the 5 basic dance actions. We will learn to perform to an audience while thinking about the safety of others around us. We will develop self and peer assessment of our dance work.</p> <p>We will continue to develop skills of passing and receiving and use these skills to create our own team games.</p>