









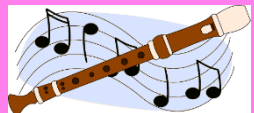




Curriculum Overview for Year 6: Dig for Victory!

Italics – Eco-links

<h2>Mathematics</h2> <p>Number and place value:</p> <ul style="list-style-type: none"> To read, write, order and compare numbers up to 10 000 000 and determine the value of each digit Round any whole number to a required degree of accuracy Use negative numbers in context, and calculate intervals across zero Identify common factors, common multiples and prime numbers Solve number and practical problems involving all 4 rules Use their knowledge of the order of operations to carry out calculations involving the four operations Use formal methods of long multiplication, long & short division. <p>Measurement:</p> <ul style="list-style-type: none"> Solve problems involving the calculation and conversion of units of measure, using decimal notation up to three decimal places for length, mass, volume and time Convert between miles and kilometres Calculate perimeter, area (including parallelograms and triangles) and volume of shapes <p>Statistics:</p> <ul style="list-style-type: none"> Interpret and construct pie charts and line graphs Calculate and interpret the mean <p>Geometry:</p> <ul style="list-style-type: none"> Draw 2-D shapes using given dimensions and angles; calculate missing angles Recognise, describe and build simple 3-D shapes, including making nets Circle construction & calculations Describe positions on the full coordinate grid (all four quadrants) Draw and translate simple shapes on the coordinate plane, and reflect them in the axes. 	<h2>Art & Design</h2> <ul style="list-style-type: none"> Observation sketches of wartime artefacts. Propaganda posters – design own version for current day issues. Role of war time artist including Henry Moore. Make war time Xmas decorations. Wartime cooking VE Day bunting 	<h2>Computing</h2> <ul style="list-style-type: none"> How to make full use of PurpleMash Platform E-safety – why is it important? What do we need to do to remain safe? Writing podcasts using Audacity.  <ul style="list-style-type: none"> Control and programming using MSW Logo, Scratch, Kodu Accessing and using The Pod 	
<p>Writing – composition:</p> <ul style="list-style-type: none"> Explanation text features Instruction writing features Persuasive writing features Narrative (story writing) features Recital of poetry Poetry writing Diary writing features Letter writing features  <p>Literacy <i>** Cross curricular with our History topic **</i></p> <p>Writing - vocabulary, grammar, punctuation:</p> <ul style="list-style-type: none"> Word classes - correct grammatical terms. Verbs and verbs tenses Prepositions Extended noun phrases Speech punctuation Cohesion across a text e.g. use of connectives Use of colon, semi-colon, dash, hyphen, ellipses <p>Reading :</p> <ul style="list-style-type: none"> Read and critically discuss a range of fiction, poetry, plays, non-fiction, reference and text books Read for a range of purposes Read aloud and perform poetry Answer a range of question types on single and multiple texts Refine and verify predictions in discussion with others Research skills 	<h2>Design & Technology</h2> <ul style="list-style-type: none"> Design a Bomb shelter, fit for purpose, to protect an egg from a "bomb". Review and modify plans when considering resources available. Construct bomb shelter. <ul style="list-style-type: none"> Test shelters. Fit for purpose? Reflect on how could improve. War time cooking. Clay skills –develop and make a candle holder. 	<h2>Geography</h2> <ul style="list-style-type: none"> Atlas features: <i>longitude, latitude, poles and skills.</i> Pre-War Europe. Allied, Axis and Neutral Countries. Link with British Empire. Plot Hitler's progress across Europe. Track fight back. Post-War Europe 	
<h2>Science</h2> <p>Light</p> <ul style="list-style-type: none"> Investigate that light appears to travel in straight lines; objects are seen because they give out or reflect light into the eye; light travels from light sources to our eyes or from light sources to objects and then to our eyes Shadows have the same shape as the objects that cast them. <p>Electricity</p> <ul style="list-style-type: none"> Investigate brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit; compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches Use recognised symbols when representing a simple circuit in a diagram 	<h2>History</h2> <ul style="list-style-type: none"> Why did WWII start? Photo timeline Fear of gas attacks – what do you need to do? <i>Eating & rationing, waste nothing.</i> <i>Fashion on a ration</i> Role of the Home Guard, blackout. <i>Energy conservation.</i> <ul style="list-style-type: none"> WWII Day. Evacuation – why necessary? How many involved? Persuading parents. Writing Letters/ postcards home. Treatment of Jews, extracts from <i>Anne Frank's diary.</i> The Blitz, Battle of Britain, D Day, White Court Local History in WWII. VE Day. WW1 and Remembrance 	<h2>French</h2> <ul style="list-style-type: none"> Speaking French and listening to sentences. Build on vocabulary to be able to ask and to give directions. Studying French High St compared to UK High St. Using a dictionary. 	<h2>Music</h2> <ul style="list-style-type: none"> Listen to and sing songs from World War 2. Developing technical control of Recorder. Own musical compositions. Performances including Run, Rabbit Run and Xmas carols. 
<h2>Physical Education</h2> <ul style="list-style-type: none"> Dance – perform dances using a range of movements. Compare performances and demonstrate improvement to achieve personal best. Rugby – develop teamwork and team tactics, passing and receiving the ball, developing attack and defence skills. Play competitive games.  	<h2>Religious Education</h2> <ul style="list-style-type: none"> Features of a Synagogue. <ul style="list-style-type: none"> Symbolism within Judaism. Torah Scrolls. Jewish homes, making mezuzahs, Shabbat. Bar/ Bat Mitzvah Christianity – Lord's Prayer, Bible Christmas 