


## Topic Plan KS3 Year 3 Yellow Pathway

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
	<b>Speak Up</b>	<b>Fragile Earth</b>	<b>A Force for Change</b>	<b>Reduce, Re-use, Recycle</b>	<b>Migration and Movement</b>	<b>Tales of the Orient</b>
<b>Creative Curriculum Opportunities</b>	Speak Out School Council	Old Hunstanton Cliffs		Recycling Centre		Chinese food tasting
<b>English</b>	Speech writing <ul style="list-style-type: none"> <li>- Listen to famous speeches</li> <li>- Confidence to perform and deliver</li> <li>- Write own speech around a moral issue</li> </ul>	Non-fiction – different purpose of text  Newspapers <ul style="list-style-type: none"> <li>- Watch news clips</li> <li>- Create a newspaper report</li> <li>- Create a news script</li> <li>- Record a broadcast</li> </ul>	Oliver Twist (real read version) Creative writing – character and plot Language devices <ul style="list-style-type: none"> <li>- Setting description linked to time period</li> <li>- Compare and contrast</li> <li>- Characters and feelings</li> <li>- Themes running through story</li> </ul>	Poetry  Explore different forms of poetry  Link to Plastic song in music <ul style="list-style-type: none"> <li>- Parallels between writing songs and poems</li> </ul>	Shakespeare Midsummer night's dream <ul style="list-style-type: none"> <li>- Magical character description</li> <li>- Fantasy</li> <li>- Features of Shakespearean comedy – twisted plots</li> </ul>	Stories from other cultures: China  The Magic Paintbrush <ul style="list-style-type: none"> <li>- Drama – what happens with your magic paintbrush</li> </ul> Write own story choosing own magical object
<b>Maths</b>	<b><u>Number and Place Value</u></b> <ul style="list-style-type: none"> <li>• count in multiples of 25 and 1000</li> <li>• count backwards through 0 (negative numbers)</li> <li>• order and compare numbers</li> <li>• count in hundredths</li> <li>• rounding numbers</li> </ul>	<b><u>Shapes – Area and Perimeter</u></b> <ul style="list-style-type: none"> <li>• identify what perimeter is</li> <li>• measure perimeter of simple 2D shape</li> <li>• calculate perimeter of a 2D shape in different units</li> <li>• find area by counting squares</li> <li>• find area by multiplying</li> </ul> <b><u>Transformations &amp; Enlargements</u></b> <ul style="list-style-type: none"> <li>• translations</li> </ul>	<b><u>Measurement</u></b> <ul style="list-style-type: none"> <li>• estimate and measure using appropriate units</li> <li>• compare and order</li> <li>• problem solve involving addition and subtraction of measurements</li> <li>• calculate differences</li> <li>• convert between units</li> </ul> <b><u>Time</u></b> <ul style="list-style-type: none"> <li>• read timetables</li> </ul>	<b><u>Addition and Subtraction</u></b> <ul style="list-style-type: none"> <li>• mental methods</li> <li>• formal written method up to 5 digits</li> <li>• formal written method for numbers with up to 2 decimal places</li> <li>• solving problems including measurement</li> </ul>	<b><u>Money</u></b> <ul style="list-style-type: none"> <li>• adding and subtracting amounts of money</li> <li>• calculate amounts of money including multi-step problems</li> </ul> <b><u>Data Handling and Statistics</u></b> <ul style="list-style-type: none"> <li>• read and interpret statistics</li> <li>• calculating statistics using division to find</li> </ul>	<b><u>Multiplication and Division</u></b> <ul style="list-style-type: none"> <li>• times table facts</li> <li>• times table facts</li> <li>• multiplying and dividing up to 4 digits including decimal numbers</li> <li>• calculating ratio</li> <li>• scaling problems</li> </ul> <b><u>Fractions, Decimals &amp; Percentages</u></b>

	<p>including decimals</p> <ul style="list-style-type: none"> <li>estimating</li> </ul>	<ul style="list-style-type: none"> <li>reflections</li> <li>rotation</li> </ul>	<ul style="list-style-type: none"> <li>plan journeys</li> <li>solve problems involving time</li> </ul>		<p>percentages and fractions</p> <ul style="list-style-type: none"> <li>selecting appropriate way to display statistics</li> </ul>	<ul style="list-style-type: none"> <li>read and write decimals, percentages and fractions</li> <li>convert amounts</li> <li>using fractions and percentages to describe probability</li> </ul>
<b>Science</b>	<p><u>Sound and Hearing</u></p> <ul style="list-style-type: none"> <li>waves on water as undulations which travel through water with transverse motion; these waves can be reflected, and add or cancel – superposition frequencies of sound waves, measured in hertz (Hz); echoes, reflection and absorption of sound</li> <li>sound needs a medium to travel, the</li> </ul>	<p><u>Solid, Liquid or Gas?</u></p> <ul style="list-style-type: none"> <li>the properties of the different states of matter (solid, liquid and gas) in terms of the particle model, including gas pressure changes of state in terms of the particle model.</li> </ul> <p>Particle model – link to chemistry</p> <ul style="list-style-type: none"> <li>the differences in arrangements, in motion and in closeness of particles explaining changes of state, shape and density, the anomaly of ice-water transition</li> </ul>	<p><u>Forces</u></p> <ul style="list-style-type: none"> <li>forces as pushes or pulls, arising from the interaction between two objects</li> <li>using force arrows in diagrams, adding forces in one dimension, balanced and unbalanced forces</li> <li>moment as the turning effect of a force</li> <li>forces: associated with deforming objects; stretching and squashing –</li> </ul>	<p><u>Earth and atmosphere</u></p> <ul style="list-style-type: none"> <li>the composition of the Earth</li> <li>the structure of the Earth</li> <li>the rock cycle and the formation of igneous, sedimentary and metamorphic rocks</li> <li>Earth as a source of limited resources and the efficacy of recycling</li> </ul>	<p><u>Magnetism</u></p> <ul style="list-style-type: none"> <li>magnetic poles, attraction and repulsion</li> <li>magnetic fields by plotting with compass, representation by field lines</li> <li>Earth's magnetism, compass and navigation</li> <li>the magnetic effect of a current, electromagnets, D.C. motors (principles only).</li> </ul>	<p><u>Nutrition and digestion</u></p> <ul style="list-style-type: none"> <li>content of a healthy human diet: carbohydrates, lipids (fats and oils), proteins, vitamins, minerals, dietary fibre and water, and why each is needed</li> <li>the consequences of imbalances in the diet, including obesity, starvation and deficiency diseases</li> </ul> <p>(the tissues and organs of the human digestive system, including adaptations</p>

	<p>speed of sound in air, in water, in solids</p> <ul style="list-style-type: none"> <li>• sound produced by vibrations of objects, in loud speakers, detected by their effects on microphone diaphragm and the ear drum; sound waves are longitudinal</li> <li>• auditory range of humans and animals.</li> </ul> <p>link to protests</p>	<ul style="list-style-type: none"> <li>• atoms and molecules as particles. Energy in matter</li> <li>• changes with temperature in motion and spacing of particles</li> </ul> <p><u>Pure and impure substances</u></p> <ul style="list-style-type: none"> <li>• the concept of a pure substance</li> <li>• mixtures, including dissolving</li> <li>• diffusion in terms of the particle model</li> <li>• simple techniques for separating mixtures: filtration, evaporation &amp; chromatography</li> <li>• the identification of pure substances.</li> <li>•</li> </ul>	<p>springs; with rubbing and friction between surfaces, with pushing things out of the way; resistance to motion of air and water</p> <ul style="list-style-type: none"> <li>• forces measured in newtons, measurements of stretch or compression as force is changed</li> <li>• force-extension linear relation; Hooke's Law as a special case</li> <li>• work done and energy changes on deformation</li> <li>• non-contact forces: gravity forces acting at a distance on Earth and in space, forces between magnets and forces due to</li> </ul>			<p>to function and how the digestive system digests food</p>
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			<p>static electricity.</p> <p><u>Forces and motion</u></p> <ul style="list-style-type: none"> <li>forces being needed to cause objects to stop or start moving, or to change their speed or direction of motion (qualitative only)</li> <li>change depending on direction of force and its size.</li> </ul>			
<p><b>The World</b></p> <p><b>(History, Geography, RE)</b></p>	<p><b>History</b></p> <p>Black History</p> <ul style="list-style-type: none"> <li>- Transatlantic slave trade</li> <li>- Rosa Parks</li> <li>- equal rights</li> </ul> <p><b>RE</b></p> <p>Being a Good Citizen</p> <p><b>Does religion teach people to be good?</b></p>	<p><b>Geography</b></p> <p>Climate Change</p> <ul style="list-style-type: none"> <li>- effects</li> <li>- human impact</li> <li>- prevention</li> <li>- global warming</li> <li>- deforestation</li> </ul> <p><b>RE</b></p> <p>Suffering</p> <p><b>Why is there suffering?</b></p> <ul style="list-style-type: none"> <li>- Islam and suffering</li> </ul>	<p><b>History</b></p> <p>Industrial revolution</p> <ul style="list-style-type: none"> <li>- pre-industrial revolution: what was life like?</li> <li>- what changed during the industrial revolution?</li> <li>- Luddites</li> <li>- Child labour</li> <li>- Factories</li> <li>- Inventions</li> <li>- Transport</li> </ul> <p><b>RE</b></p> <p>Peace and Conflict</p> <p><b>Is religion ever a cause for conflict? Does religion play a</b></p>	<p><b>Geography</b></p> <p>Sustainability and Recycling</p> <ul style="list-style-type: none"> <li>- plastic pollution</li> <li>- sorting</li> <li>- recycling</li> </ul> <p><b>RE</b></p> <p>Moral Dilemmas (P4C)</p> <p><b>What are my morals? Where do</b></p>	<p><b>History</b></p> <p>Migration to Britain</p> <ul style="list-style-type: none"> <li>- migration within Britain – why?</li> <li>- immigration</li> <li>- migration</li> <li>- the Windrush</li> <li>- effects on people/land</li> </ul> <p><b>RE</b></p> <p>New and Alternative Religious Movements</p> <p><b>Are new religions still being founded?</b></p>	<p><b>Geography</b></p> <p>China</p> <ul style="list-style-type: none"> <li>- Geography</li> <li>- Landscape</li> <li>- Population</li> <li>- Issues</li> <li>- Draconian approaches</li> </ul> <p><b>RE</b></p> <p>Sin and Redemption</p> <p><b>Should all bad things be punished?</b></p> <ul style="list-style-type: none"> <li>- what is sin?</li> </ul>

	<ul style="list-style-type: none"> <li>- what are the main teachings?</li> <li>- how does this impact modern day life?</li> <li>- does religion have a big impact today?</li> </ul> <p><b><u>French</u></b></p> <p>Zoo animals Pets</p>	<ul style="list-style-type: none"> <li>- Buddhism and suffering</li> <li>- how is evil depicted in religion?</li> <li>-Why is there suffering?</li> <li>-What is the cause of suffering?</li> </ul> <p><b><u>French</u></b></p> <p>Verbs</p>	<p><b>part in peacekeeping?</b></p> <ul style="list-style-type: none"> <li>- explore concepts</li> <li>- what conflicts arise through religion?</li> <li>- what do religions say about peace and conflict?</li> <li>- how can we get peace?</li> </ul> <p><b><u>French</u></b></p> <p>Family and friends</p>	<p><b>they originate from?</b></p> <p>Philosophy for children debates, for example,</p> <ul style="list-style-type: none"> <li>- animal testing</li> <li>- utilitarianism</li> <li>- stewardship</li> </ul> <p><b><u>French</u></b></p> <p>Hobbies Sports</p>	<ul style="list-style-type: none"> <li>- scientology</li> <li>- illuminati</li> <li>- humanism</li> </ul> <p><b><u>French</u></b></p> <p>Weather</p>	<ul style="list-style-type: none"> <li>- different religious views on sin</li> <li>- how can individuals get be saved from sin?</li> </ul> <p><b><u>French</u></b></p> <p>Careers Celebrities</p>
<p><b>Creativity</b> <b>(Art, Music, Dance)</b></p> 	<p><b>Art</b> Protest and Propaganda art</p> <ul style="list-style-type: none"> <li>- conveying messages</li> <li>- use of images and colour</li> <li>- create own piece of art giving a message</li> <li>- Bob and Roberta Smith</li> </ul> <p><a href="#">Creative arts subjects in schools a child's 'human right' - Bing video</a></p> <p><b>Music</b></p> <p>Influences of Black History on western music</p>	<p><b>Art</b> Geological Drawings Use of colour, lines and texture</p> <p>Cliff lines</p> <p><a href="#">How to Draw Cliffs and Crevasses - This art tutorial designed for beginners (art-tutorialsonline.com)</a></p> <p><a href="#">5 simple techniques for painting rocks in watercolour by Paul Clark - Bing video</a></p> <p><b>Music</b></p>	<p><b>Art</b> Lowry – Industrial Landscape</p> <ul style="list-style-type: none"> <li>- history &amp; inspiration</li> <li>- Use of shading and lines</li> <li>- Own interpretations</li> </ul> <p><b>Music</b></p> <p>Oliver Twist – Food Glorious Food</p> <p>Exploring sound sources</p> <p>Recognise instruments, listen and discuss</p> <p>Singing and performing the song</p>	<p><b>Art</b> Upcycling</p> <ul style="list-style-type: none"> <li>- use of reused or recycled material</li> <li>- repurposing</li> </ul> <p><b>Music</b></p> <p>Plastic Song <a href="https://www.youtube.com/watch?v=MLpItDCoieU">https://www.youtube.com/watch?v=MLpItDCoieU</a></p> <ul style="list-style-type: none"> <li>- recognising and singing chorus</li> <li>- recognising rhymes &amp; composing own lines</li> </ul>	<p><b>Art</b> Depiction of Migration e.g. Jacob Lawrence</p> <ul style="list-style-type: none"> <li>- style</li> <li>- colours</li> </ul> <p><b>Music</b></p> <p>Caribbean &amp; Latin American Music linked to the Windrush</p> <p>Recognising rhythm and pulse</p> <p>Improvisation</p>	<p><b>Art</b> Manga art</p> <ul style="list-style-type: none"> <li>- Use of lines in person drawings</li> <li>- Light and dark</li> <li>- Adapting to style</li> </ul> <p><b>Music</b> Exploring sound sources</p> <p>Writing lyrics to accompany Manga art</p>

	Bob Marley – Three Little Birds <ul style="list-style-type: none"> <li>- Listen and appraise</li> <li>- Singing song</li> <li>- Accompaniment with instruments</li> </ul>	Learn, sing and perform Louis Armstrong 'What a Wonderful World'  Exploring rounds  Working together  Perform and share		<ul style="list-style-type: none"> <li>- Fitting own lines to music rap, working in a group</li> </ul>		
<b>PE</b> *weekly Clubbercise	Ball Skills and Ball Games <ul style="list-style-type: none"> <li>- Movement and coordination</li> <li>- Dodgeball / boccia</li> </ul>	Tag Rugby <ul style="list-style-type: none"> <li>- Intercepting</li> <li>- Attacking/defending</li> </ul>	Invasion games <ul style="list-style-type: none"> <li>- Speed and agility</li> <li>- Strategies and tactics</li> </ul>	Hockey <ul style="list-style-type: none"> <li>- Dribbling and stick handling</li> <li>- Hand/eye co-ordination</li> </ul>	Athletics <ul style="list-style-type: none"> <li>- Power</li> <li>- Control and consistency</li> </ul>	Rounders <ul style="list-style-type: none"> <li>- Throwing</li> <li>- Catching</li> <li>- Batting and bowling</li> </ul>
<b>PSHE/Citizenship</b>	<b><i>Preparing for Adulthood: Wellbeing</i></b>  <b>PSHE/ RSE Emotions</b> <ul style="list-style-type: none"> <li>- emotions range in intensity</li> <li>- what effects my emotions</li> <li>- how to express emotions</li> <li>- strategies to manage emotions</li> <li>- dealing with change, grief and loss</li> <li>- use varied vocabulary to describe emotions</li> </ul> <b>Citizenship/ SMSC</b> Political systems Parliament	<b><i>Preparing for Adulthood: Social skills</i></b>  <b>PSHE/ RSE Responsibilities</b> <ul style="list-style-type: none"> <li>- what am I responsible for?</li> <li>- who am I responsible for?</li> <li>- what are my responsibilities for my family and the community?</li> <li>- how do I get help if I am worried about my health or the health of others?</li> <li>- responsibilities of parents</li> </ul> <b>Citizenship/ SMSC</b> Diverse Britain Human rights	<b><i>Preparing for Adulthood: Independent Living</i></b>  <b>PSHE/ RSE Relationships</b> <ul style="list-style-type: none"> <li>- marriage and civil partnerships</li> <li>- legality of marriage and forced marriage</li> <li>- types of relationships</li> <li>- may live together or apart</li> <li>- different ways to feel attracted</li> <li>- sexual orientation</li> </ul> <b>Citizenship/ SMSC</b> Talentino – There is a Job For Me!	<b><i>Preparing for Adulthood: Health</i></b>  <b>PSHE/ RSE Sex and Relationships</b> <ul style="list-style-type: none"> <li>- consent in different situations</li> <li>- reproduction and pregnancy</li> <li>- naming external genitals</li> <li>- FGM</li> <li>- how to seek support</li> <li>- contraception</li> </ul> <b>Citizenship/ SMSC</b> Business and enterprise the economy	<b><i>Preparing for Adulthood: Community Inclusion</i></b>  <b>PSHE/ RSE Keeping Healthy</b> <ul style="list-style-type: none"> <li>- tobacco</li> <li>- alcohol</li> <li>- caffeine</li> <li>- sleep</li> <li>- medicines</li> <li>- illegal drugs and the law</li> <li>- why people use drugs</li> <li>- are habits difficult to break?</li> <li>- how are drugs and alcohol portrayed in media?</li> <li>- know support organisations</li> </ul> <b>Citizenship/ SMSC</b>	<b><i>Preparing for Adulthood: Employment</i></b>  <b>PSHE/ RSE Careers</b> <ul style="list-style-type: none"> <li>- Setting targets</li> <li>- Achieving goals</li> <li>- Explore broad range of careers</li> <li>- stereotypes in workplace and how to break them</li> <li>- what influences the job you get e.g. interests, values, skills</li> <li>- explore different wages and jobs</li> </ul>

	<p>Voting &amp; Democracy Elections Political Parties</p>	<p>Challenging offensive behaviour The NHS as a shared resource</p>			<p>Role of the Monarchy</p>	<p>- voluntary work</p> <p><b>Citizenship/ SMSC</b> Sustainable development Looking after the environment Why is it important?</p>
<p><b>Technology</b> (Computing, Food Tech, DT)</p>	<p><b>Textiles</b> Gees bend quilt makers</p> <ul style="list-style-type: none"> <li>- Joining techniques</li> <li>- Stitches</li> <li>- Shapes and patterns</li> <li>- Design and make</li> </ul> <p><b>Computing</b> Multimedia Text and Images</p> <p>Microsoft Publisher Project</p> <ul style="list-style-type: none"> <li>- explore different features</li> <li>- advantages and disadvantages</li> </ul>	<p><b>Resistant Materials</b> STEM flooding challenge <a href="https://www.stem.org.uk/e-library/resource/34167">https://www.stem.org.uk/e-library/resource/34167</a></p> <p>Beat the Flood</p> <p><b>Computing</b> Animation, link to wave forms and flooding</p> <ul style="list-style-type: none"> <li>- explore different animation techniques and programs</li> </ul>	<p><b>Resistant Materials</b> Design and make a Zoetrope using appropriate materials for a purpose</p> <p><b>Computing</b> Online Reputation</p> <ul style="list-style-type: none"> <li>- benefits and risks of sharing online</li> <li>- what is/is not appropriate on online platforms</li> <li>- who is impacted by what I post online?</li> <li>- digital personality</li> <li>- build a positive online presence</li> <li>- laws that govern online behaviour and reputation</li> <li>- addiction and obsession</li> </ul>	<p><b>Cooking</b> Reducing food waste</p> <ul style="list-style-type: none"> <li>- Best before * use by dates</li> <li>- Making lists for a weekly menu</li> <li>- Re-using food day after</li> <li>- Safe storage of food</li> </ul> <p><b>Computing</b> Online Communication</p> <ul style="list-style-type: none"> <li>- surveys</li> <li>- quizzes</li> <li>- social media</li> <li>- live streaming</li> <li>- photo and video sharing</li> <li>- advantages and disadvantages</li> </ul>	<p><b>Cooking</b> Caribbean dishes link to the Windrush</p> <ul style="list-style-type: none"> <li>- Exploring different textures and tastes</li> </ul> <p><b>Computing</b> Managing Online Information</p> <ul style="list-style-type: none"> <li>- online marketplaces</li> <li>- benefits and limitations of online commerce</li> <li>- connectivity – connected devices</li> <li>collect and share info without my knowledge e.g. microphone, camera, geolocation</li> <li>- use additional tools to refine my search</li> <li>- how liking, sharing or forwarding online</li> </ul>	<p><b>Textiles</b> Chinese Kimono/slippers</p> <ul style="list-style-type: none"> <li>- Exploring patterns and designs</li> <li>- Design then make a basic shaped kimono/slipper</li> </ul> <p><b>Computing</b> Coding and Programming</p> <ul style="list-style-type: none"> <li>- explore different online games</li> <li>- likes and dislikes</li> <li>- design own games</li> <li>- write basic coding</li> <li>- test and debug</li> </ul>

					<p>content can change opinions about me</p> <ul style="list-style-type: none"><li>- use menus, sitemaps, breadcrumb trails</li><li>- how search engines rank pages</li><li>- how social media can amplify, weaken or distort e.g. echo-chamber</li><li>- online anonymity and impact on what is shared online</li><li>- social bots</li><li>- fake news designed to deliberately misinform</li><li>- data analytics</li><li>- sponsored content e.g. vloggers</li></ul> <p><b><i>Story Book: Chicken Clicking</i></b></p>	
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