

The Big Question: "Can we live forever?"				Main Subject Focus: Science	Year Group: 6	Term: Autumn 1
Science: Area of Study	Geography: Area of Study	History: Area of Study	Computing: Area of Study	RE: Area of Study	Writing Opportunities: Genres	
<p>Identify and name the main parts of the circulatory system</p> <p>Describe the functions of the heart, blood vessels and blood</p> <p>Recognise the impact of lifestyle choices on the human body</p> <p>Describe how nutrients and water is transported within animals, including humans.</p> <p>Recognise that living things change over time</p> <p>Use a range of equipment to take accurate measurements and can repeat readings where appropriate</p> <p>Present data in a variety of ways including classification keys, tables and graphs</p> <p>Use test results to make accurate predictions</p> <p>Carry out a fair test</p>	<p>Describe and understand key aspects of human geography, including: types of settlement and land use, economic activity including trade links, and the distribution of natural resources including energy, food, minerals and water.</p> <p>Name &amp; locate major countries of the world.</p> <p>Know why ports are important and the role they play in distributing goods around the world.</p> <p>Use an atlas by using the index to find places.</p>		<p>Design, write and debug programs that accomplish specific goals, including controlling or simulating physical systems; solve problems by decomposing them into smaller parts</p> <p>Use sequence, selection, and repetition in programs; work with variables and various forms of input and output</p> <p>Use logical reasoning to explain how some simple algorithms work and to detect and correct errors in algorithms and programs</p> <p>use logical reasoning to detect errors in algorithms</p> <p>use selection in programs</p> <p>Can work with variables</p> <p>Can explain how an algorithm works.</p> <p>Understand and use geolocation</p> <p>Use technology in ways which minimises risk.</p>	<p><b>6.1 Teachings, wisdom and authority</b></p> <p>What can we learn by reflecting on words of wisdom from religions and worldviews?</p> <p>What do sacred texts and other sources say about God, the world and human life?</p> <p>A2, C3</p> <p>Explain the impact of beliefs about sacred writings, God and values.</p> <p>Explain two viewpoints about why people need wise words to follow.</p> <p>Apply the idea of 'words of wisdom' for themselves, selecting examples and explaining them.</p> <p>Explain similarities and differences between holy books or the writings from two religions</p> <p>Consider varied answers to questions about the</p>	<p>Narrative – How to live forever</p> <p>Discussion – Would you want to live forever?</p> <p>Explanation – How our vital organs keep us alive</p> <p>Report – Healthy Eating</p> <p>Instructions – How to make a healthy meal</p>	
					<b>Reflect Ed</b>	
					<p>Understand the concepts of metacognition and reflection</p> <p>Understand how we know when we've been successful in our learning</p> <p>Understand how to learn a new skill, reflect on their performance and assess their progress.</p> <p>Understand how to reflect on mistakes and unsuccessful learning experiences.</p>	

			<p>Understand the inputs and outputs in smartphone technology I can design a solution by breaking a problem up I use appropriate strategies for finding, critically evaluating, validating and verifying information.</p> <p>I understand that some websites and/or pop-ups have commercial interest that may affect the way the information is presented</p> <p>I can select, use and combine software on a range of digital devices.</p>	<p>value of holy writings and other sources of wisdom. Explain thoughtfully my own ideas about wise words, selecting examples and clearly expressing reasons for my choices.</p>	
<b>Novel/Books: Pig heart Boy – How To Live Forever Visit/Enrichment Experience: DAaRT, Heart dissection, healthy living cooking</b>					
<b>RSHE: Area of Study</b>	<b>Art: Area of Study</b>	<b>PE: Area of Study</b>	<b>DT: Area of Study</b>	<b>Music: Area of Study</b>	<b>MfL: Area of Study</b>
<p>How mental and physical are linked How positive friendships and being involved in activities such as clubs and community groups support well-being How to make choices that support a healthy,</p>	<p>Use stencilling, paint flicking, sponges, toothbrushes to stipple, straws to blow thinned down acrylic paint when producing abstract art to communicate observations, ideas and feelings.</p>	<p><b>Athletics</b> I can demonstrate stamina I can use athletics skills in isolation and combination</p> <p><b>Invasion Games</b></p>	<p>Know, explain and give examples of food that is grown, reared, and caught in the area studied Prepare and cook a variety of dishes safely and hygienically. Including a heat source.</p>	<p>Compare and contrast how the heart is represented is a range of popular songs. Say how music has been created differently in songs representing the heart depending on the</p>	<p>Understand a short story or factual text and note the main points Use the context to work out unfamiliar words Write a paragraph of 4 or 5 sentences Substitute words and phrases.</p>

<p>balanced lifestyle including healthy meals, staying physically active, good dental health, staying safe in the sun, balance time spent online with other activities, importance of sleep</p> <p>That habits can be healthy or unhealthy; strategies to help change or break an unhealthy habit or take up a new healthy one</p> <p>How legal and illegal drugs can affect health and how to manage situations involving them</p> <p>How to recognise early signs of physical and mental ill-health and what to do about this, including who to speak to in and outside of school</p> <p>That health problems, including mental health problems, can build up if not recognised, managed, or if help is not sought early on</p> <p>That anyone can experience mental ill-health and to discuss concerns with a trusted adult</p> <p>That mental health difficulties can usually be</p>	<p>Explain why I have used different tools and/or specific techniques to create abstract art.</p> <p>Talk about and describe our class artists (Monet, Warhol, Lowry) and WW2 Propaganda posters, making links with my own work and annotates my own work with comments and thoughts.</p>	<p>I can play to agreed rules.</p> <p>I can explain rules to others.</p> <p>I can make a team and communicate a plan.</p> <p>I can lead others in a game situation</p>	<p>Explain that foods contain different substances, such as protein, that are needed for health and to apply this when planning dishes.</p> <p>Adapt recipes to change the appearance, texture or aroma.</p> <p>Confidently use a range of techniques such as grating, peeling, cutting and slicing</p>	<p>purpose, venue and occasion.</p> <p>Sing in harmony confidently and accurately.</p> <p>Perform parts from memory.</p> <p>Take the lead in a performance using my voice or instruments</p>	<p>Use French articles confidently and accurately.</p> <p>Use future tense</p> <p>Use past tense</p> <p>Classroom routines</p> <p>Giving information</p> <p>Time, date, weather</p> <p>Uniform and clothing</p> <p>Occupations</p>
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<p>resolved or managed with the right strategies and support That FGM is illegal and goes against human rights; that they should tell someone immediately if they are worried about themselves or someone else</p>					
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