

Personal Development

Personal Development Themes						
Autumn 1		Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
- Spiritual, moral, social and cultural development		- Healthy living - British Values	- Equality and diversity	- Careers guidance	- Citizenship	- Preparation for next stage
Subject	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year 10*	<p>Exchange rates: Converting between different currencies from around the world.</p> <p>Using and applying Maths involves being able to solve problems and being able to do this individually, as part of a team or pair when a task requires it, is fundamental. Students are encouraged to communicate mathematically when discussing, explaining and presenting ideas, through which they are able to develop their Mathematical reasoning skills.</p>	British coins and giving change. Calculating with money.	<p>Tessellation of quadrilaterals and triangles - Islamic tiling patterns and Rangoli patterns.</p> <p>Awareness of possible causes of bias in data collection (e.g. race, age, gender).</p>	<p>Pupils will learn how mathematics is relevant in industry and future careers.</p> <p>All careers require a level of mathematical competency- Level 1 Functional Skills is required for entry to Apprenticeship scheme.</p> <p>GCSE for further study at College.</p>	<p>Food miles and data interpretation.</p> <p>Mathematics is the universal language of the world and at VPA, we aim to develop a realization that many topics we learn today have travelled across the world and are used internationally</p>	Discussion of available qualifications and courses. Entry Level Certificates and Functional Studies (Level 1)
Year 11	Car Survey Investigation to test the hypothesis: Are Essex people more likely to buy Ford cars than any other make?	Use of metric (Km, litres)and imperial (miles, pounds, inches)units, converting between the two systems	<p>Taking part in Mathletics annual online competition against other pupils across the globe.</p> <p>uk.mathletics.com</p>		Mathematics from other cultures, e.g. roman numerals, deciphering Egyptian hieroglyphics, Ancient Greece and the birth of geometry	Revision for GCSE and written examination papers.

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	<p>Discussion of the use and abuse of statistics in the media.</p> <p>Interest rates, pay day loans and the banking industry promoting moral debate and a sense of personal financial responsibility.</p>					
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