

**Intent:** In Year 8, pupils develop and apply their understanding of money, time and statistics in a variety of real life contexts.

Term	Week/s	Topic/Theme <i>Steam</i>	Learning Outcomes Knowledge and Skills To know, to use, to apply...	Literacy Link Numeracy Link SMSC Link
Autumn	1-6	Units of Measure - Money	<ul style="list-style-type: none"> <li>Use £ and p notation.</li> <li>Select coins equivalent to an amount of money up to £1.</li> <li>Give change from £1.</li> </ul>	SMSC – social and cultural activities
	7-12	Managing Money Challenge: milkshakes	<ul style="list-style-type: none"> <li>Count money</li> <li>Give change</li> <li>Use capacity to solve problems.</li> <li>Create a milkshake stall, advertising prices and products.</li> </ul>	Gatsby – 4,6 Literacy – verbal/written reasoning and persuasive texts.
Spring	1-6	Units of Measure – Time	<ul style="list-style-type: none"> <li>Find start or end times for a planned time period.</li> <li>Calculate the duration given the start and end times.</li> <li>Understand and use am/pm method of stating time.</li> <li>Read and write time for digital and analogue clocks (in hours and in fifteen minute intervals).</li> <li>Use a calendar to solve problems.</li> </ul>	Gatsby – 4, 3
	7-12	Transport challenge	<ul style="list-style-type: none"> <li>Use timetables for bus and train.</li> <li>Plan routes to shops</li> <li>Read time from digital and analogue clocks</li> <li>Review and recount visit.</li> </ul>	Gatsby – 4 Literacy – recounting and summarising.
Summer	1-6	Allotment challenge	<ul style="list-style-type: none"> <li>Take measurements.</li> <li>Record measurements.</li> <li>Make estimations.</li> <li>Compare measurements.</li> </ul>	Gatsby – 6 SMSC – social and cultural. Literacy – posters and invitations.
	7-11	Statistics	<ul style="list-style-type: none"> <li>Carry out surveys (linked to shops/restaurants in Doncaster)</li> <li>Create pictograms and bar charts</li> <li>Sort data on Venn diagrams.</li> </ul>	Literacy – asking questions, writing conclusions.

**Intended impact:**

Pupils will be well prepared for their KS4 qualifications work and have a broader understanding of Mathematics in the real world.