

## DT Year focus: Mechanisms

	<b>Block 1 (8 weeks)</b> <b>02.09.19 – 25.10.19</b> <b>Aspirations 04.11.19</b> <b>Anti-bullying /</b> <b>remembrance 11.11.19-</b> <b>15.11.19</b>	<b>Block 2 (10 weeks)</b> <b>18.11.19 – 07.02.20</b> <b>Science 10.02.20 –</b> <b>15.02.20</b>	<b>Block 3 (10 weeks)</b> <b>24.02.20 – 15.05.20</b> <b>Arts 18.05.20 – 23.05.19</b>	<b>Block 4 (7 weeks)</b> <b>01.06.20 – 17.07.20</b>
<b>(Chris Quigley Theme)</b> <b>Unit name:</b>	(History: Transport) <b>Full Steam Ahead!</b> (Local history, railways, industrial revolution, sea travel / trade)	(Geography: Eurovision) <b>River Deep, Mountain High</b> (Climate, weather, rivers, mountains, seas, lakes, oceans – Europe)	(DT: Art Bot) <b>‘Roman’ all over the world!</b> (Roman Empire, social structures, army)	History: Arts DT Food <b>Edible Art</b> (Guiseppe Arcimboldo, Leonardo Da Vinci, Michelangelo)
<b>The BIG Question</b>	How did steam power make the world shrink?	Will London ever be under the sea?	Will Romans ever rule Britain again?	How can food be art?
<b>English text</b>	The Iron Man Girl and Robot	The Firework Maker’s Daughter Buster – visual literacy	Butterfly Lion The Fox	Alice’s Adventures in Wonderland (Leon and the Place Between: Transition)
<b>Hook</b>	Elsecar Heritage Railway? Design and make a vehicle of the future	Mountain Rescue Dogs	Roman Day	Mad hatter’s tea party
<b>Science</b>	Forces and Magnets	Water cycle Changes in state	Electricity Animals including humans: nutrition, digestion and teeth.	Animals including humans: skeletons and muscles
<b>Cross-curricular maths links</b>	Chronology Distances Time	Statistics Chronology Time Distances	Distances Position Statistics Chronology	Weighing Measuring Cooking times
<b>Other cross-curricular subject links</b>	D&T: evaluate designs of trains throughout the ages and say why they changed or stayed the same	MFL DT – mechanisms for lifting bridges	Computing: programming robots African Art Tingatinga	Food trade – history / geography

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<b>Continuous provision ideas</b>	Inventor's workshop Invention scrapbook	Explorer's suitcase / rucksack Maps, compasses	Vex Robots	Wonderland
<b>End of theme celebration/exhibition.</b>	Competition to design a train of the future. Display of designs. Prizes for best ones in each class.	Environmental/ climate change reports – 'You Tube' type videos	Robots competition	Artwork display