

Computing Curriculum

	<u>Autumn 1</u>	<u>Autumn 2</u>	<u>Spring 1</u>	<u>Spring 2</u>	<u>Summer 1</u>	<u>Summer 2</u>
<u>Rec</u>						
<u>1</u>	How do I compare to my parents and grandparents? Pictograms 1.3	Where do I live? Maze explorers 1.5	How has family life changed over time? Grouping 1.2 (Technology out of school 1.9 → if we change to Toys)	How is a farm different to Hyde? Spreadsheets (animals in a farm) 1.8	What changed because of the Great Fire of London? Animated storybooks 1.6	How does Antarctica compare to the UK? Coding 1.7
<u>2</u>	What was Hyde like in the past? Coding 2.1	What is it like to live in Australia? Creating pictures 2.6 (use objectives but change to link with Australia)	Who was Rosa Parks and why is she remembered? Making Music 2.7	How does Bangladesh compare to the UK? Effective Searching 2.5	How has transport changed? Questioning 2.4	Would you like to live beside the seaside? Presenting Ideas 2.8

Purple Mash Computing Scheme of Work – List of all units

Predominant Area of Computing*					
	Computer Science		Information Technology		Digital Literacy

*Most units will include aspects of all strands.

3	<p>What was the Ancient Britons' greatest invention?</p> <p>Touch typing 3.4 (possibly link typing the outcome of the question - PBL)</p>	<p>What makes a river?</p> <p>Branching Databases 3.6</p>	<p>Why do we know more about the Egyptians than the Britons?</p> <p>LINK TO SCIENCE - collect data</p> <p>Spreadsheets 3.3</p>	<p>What makes a mountain?</p> <p>Graphing 3.8 (mountain range)</p> <p>Presenting 3.9 Put graph into Google Slide)</p>	<p>What mattered to Ancient Greek people?</p> <p>Greek mathematician link</p> <p>Coding 3.1</p>	<p>Why would you visit Hyde?</p> <p>(email a question to someone about Hyde e.g. NH, C of G, Parent Gov etc)</p> <p>Email 3.5</p>
4	<p>How did life in Britain change when the Romans ruled?</p> <p>Logo 4.5 (mosaics)</p>	<p>What is the impact of our angry Earth?</p> <p>Animation 4.6 (animation of volcano ect)</p>	<p>How did the Romans control Britain? Why do we remember Boudicca?</p> <p>Coding 4.1</p>	<p>Why would you visit Spain?</p> <p>Writing for different audiences 4. 4</p>	<p>What was the British Empire like?</p> <p>Making music 4.9 (link to sound in science)</p>	<p>How can I be a good citizen of the world?</p> <p>Hardware investigators 4.8</p>
5	<p>How and why did the Anglo-Saxons invade and settle in Britain?</p> <p>Word Processing 5.8</p>	<p>Why are biomes important to the world? (Arctic/Antarctica/Polar regions)</p> <p>Coding 5.1</p>	<p>How did the Anglo-Saxon rule change Britain?</p> <p>External devices 5.9 * Need Purple chip app downloading</p>	<p>Why would you visit London?</p> <p>Game Creator 5.5 (link to London)</p>	<p>How did the Industrial Revolution affect Tameside?</p> <p>Concept maps 5.7</p>	<p>Why are biomes important to the world? (rainforests)</p> <p>Databases 5.4</p>
6	<p>What mattered to the Vikings?</p> <p>Coding 6.1 Move on to scratch - transferable skills</p>	<p>Why would you visit Mexico?</p> <p>Text Adventures 6.5</p>	<p>Why was Baghdad such an important city in 900CE?</p> <p>Spreadsheets 6.3 (Excel)</p>	<p>Where does our food come from? (trade) Fairtrade Fortnight</p> <p>Networks 6.6</p>	<p>Online safety 6.2</p>	<p>Blogging 6.4</p>

One e-safety lesson at the beginning of each half term and then beginning each lesson with an e-safety top -tip or PIT STOP - STOP AND THINK (before we use the devices) *digital literacy throughout!