

# DUDLEY ACADEMIES TRUST - KATES HILL PRIMARY SCHOOL

## Primary Computing Curriculum Overview 2023-2024





### Cross curricular links:




 Mathematics

 English

 Music

 Foundation subjects (adapt resources to use a topic theme)

 RSE / PSHE

Predominant Area of Computing (Most units will include aspects of all strands)		
 Computer Science	 Information Technology	 Digital Literacy



	AUTUMN			SPRING			SUMMER		
<b>Year 1</b>	<b>Computer basics</b> – naming the parts, logging on...  <b>1.1 Online Safety and Exploring Purple Mash</b>  Weeks – 4  Programs- <b>various</b>	<b>1.2 Grouping and Sorting</b>  Weeks – 2  Programs- <b>2DIY</b>	<b>1.3 Pictograms</b>  Weeks – 3  Programs- <b>2Count</b>	<b>1.4 Lego Builders</b>  Weeks – 3  Programs- <b>2DIY</b>	<b>1.5 Maze Explorers</b>  Weeks – 3  Programs- <b>2Go</b>	<b>1.6 Animated Story Books</b>  Weeks – 5  Programs- <b>2Create a Story</b>	<b>1.7 Coding</b>  Weeks – 6  Programs- <b>2Code</b>	<b>1.8 Spreadsheets</b>  Weeks – 3  Programs- <b>2Calculate</b>	<b>1.9 technology Outside School</b>  Weeks – 2  Programs- <b>2Various</b>
<b>Year 2</b>	<b>2.2 Online Safety</b>  Weeks – 3  Programs- <b>various</b>	<b>2.1 Coding</b>  Weeks – 5  Programs- <b>2Code</b>	<b>2.3 Spreadsheets</b>  Weeks – 4  Programs- <b>2Calculate</b>	<b>2.4 Questioning</b>  Weeks – 5  Programs- <b>2Questions, 2Investigate</b>	<b>2.5 Effective Searching</b>  Weeks – 3  Programs- <b>Browser</b>	<b>2.6 Creating Pictures</b>  Weeks – 5  Programs- <b>2PaintAPicture</b>	<b>2.7 Making Music</b>  Weeks – 3  Programs- <b>2Sequence</b>	<b>2.8 Presenting Ideas</b>  Weeks – 4  Programs- <b>various</b>	
<b>Year 3</b>	<b>3.2 Online Safety</b>  Weeks – 3  Programs- <b>various</b>	<b>3.1 Coding</b>  Weeks – 6  Programs- <b>2Code</b>	<b>3.3 Spreadsheets</b>  Weeks – 3  Programs- <b>2Calculate</b>	<b>3.4 Touch Typing</b>  Weeks – 5  Programs- <b>2Type</b>	<b>3.5 Email (inc. Email safety)</b>  Weeks – 6  Programs- <b>2Email, 2Connect, 2DIY</b>	<b>3.6 Branching Databases</b>  Weeks – 4  Programs- <b>2Question</b>	<b>3.7 Simulations</b>  Weeks – 3  Programs- <b>2Simulate, 2Publish</b>	<b>3.8 Graphing</b>  Weeks – 3  Programs- <b>2Graph</b>	<b>3.9 Presenting (with Microsoft PowerPoint)</b>  Weeks – 5 Programs – <b>MS PowerPoint</b>



<b>Year 4</b>	<b>4.2 Online Safety</b>  Weeks – 3  Programs– <b>various</b>	<b>4.1 Coding</b> Weeks – 6  Programs– <b>2Code</b>	<b>4.3 Spreadsheets</b>  Weeks – 6  Programs– <b>2Calculate</b>	<b>4.4 Writing for Different Audiences</b>  Weeks – 5  Programs– <b>2Email, 2Connect, 2DIY</b>	<b>4.5 Logo</b> Weeks – 3  Programs– <b>Logo</b>	<b>4.6 Animation</b>  Weeks – 3  Programs– <b>2Animate</b>	<b>4.7 Effective Search</b> Weeks – 3  Programs– <b>Browser</b>	<b>4.8 Hardware Investigators</b> Weeks – 2	<b>4.9 Making Music</b>  Weeks – 4  Programs– <b>Busy Beats</b>
<b>Year 5</b>	<b>5.2 Online Safety</b>  Weeks – 3  Programs– <b>various</b>	<b>5.1 Coding</b> Weeks – 6  Programs– <b>2Code</b>	<b>5.3 Spreadsheets</b>  Weeks – 6  Programs– <b>2Calculate</b>	<b>5.4 Databases</b>  Weeks – 4  Programs– <b>2Question, 2Investigate</b>	<b>5.5 Game Creator</b>  Weeks – 5  Programs– <b>2DIY 3D</b>	<b>5.6 3D Modelling</b> Weeks – 4  Programs– <b>2Design and Make</b>	<b>5.7 Concept Maps</b>  Weeks – 4  Programs– <b>2Connect</b>	<b>5.8 Word Processing</b>  Weeks – 8  Programs– <b>MS Word</b>	
<b>Year 6</b>	<b>6.2 Online Safety</b>  Weeks – 2  Programs– <b>various</b>	<b>6.1 Coding</b> Weeks – 6  Programs– <b>2Code</b>	<b>6.3 Spreadsheets</b> Weeks – 6  Programs– <b>2Calculate</b>	<b>6.4 Blogging</b> Weeks – 5  Programs– <b>2Blog</b>	<b>6.5 Text Adventures</b> Weeks – 5  Programs– <b>2Code, 2 Connect</b>	<b>6.6 Networks</b> Weeks – 3	<b>6.7 Quizzing</b> Weeks – 5  Programs– <b>2Quiz, 2DIY, Text Toolkit, 2Investigate</b>	<b>6.9 Understanding Binary</b> Weeks – 8  Programs– <b>MS Excel</b>	
<b>Year 7</b>	<b>7.1 E-Safety</b>		<b>7.2 Computer Basics</b>		<b>7.3 Scratch Programming</b>		<b>7.4 Binary Basics</b>		<b>7.5 Using Media</b>