

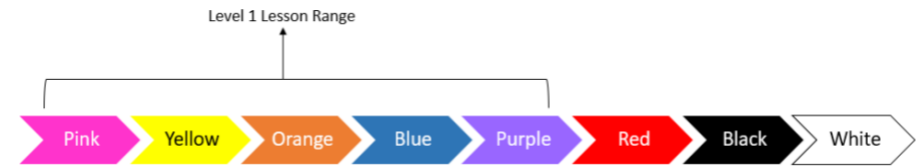
LEVEL 1 - U.K. CURRICULUM ALIGNMENT MAP

Design and Technology - KS2												
<i>Design</i>			✓	✓		✓	✓	✓	✓		✓	
<i>Make</i>			✓			✓	✓				✓	
<i>Evaluate</i>				✓		✓		✓	✓	✓	✓	✓
<i>Technical Knowledge</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Music - KS2												
<i>Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression</i>		✓										
<i>Improvise and compose music for a range of purposes using the interrelated dimensions of music</i>		✓							✓			
English - KS2												
<i>Reading - Word Reading</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Reading - Comprehension</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Writing - Composition</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Writing - Vocabulary, Grammar and Punctuation</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Geography - KS2												
<i>Physical Geography</i>						✓		✓				
Mathematics - Year 3												
<i>Number and Place Value</i>				✓	✓					✓	✓	✓
<i>Measurement</i>		✓			✓							
<i>Geometry - Properties of Shapes</i>	✓					✓						
<i>Statistics</i>									✓			
Mathematics - Year 4												

LEVEL 1 - U.K. CURRICULUM ALIGNMENT MAP

Number and Place Value													✓
Addition and Subtraction						✓							
Geometry - properties of shapes							✓						

Computing At Schools (CAS) Progression Grid Standards covered throughout the Level 1 lessons on SAM Space



Level 1 - Ages 7-9	1.1 Light and Shadows	1.2 Compose a Song	1.3 Design a Habitat	1.4 Smart Lighting Systems	1.5 Time's Up	1.6 Build it up, break it down	1.7 Seed Dispersal	1.8 Earthquake Alert	1.9 Reduce, Reuse, recycle	1.10 Interactive Storybook	1.11 SAM Safe	1.12 Round and Round
Software Used	SAM Space	SAM Space	SAM Space	SAM Space	SAM Space	SAM Space	SAM Space	SAM Space	SAM Space	SAM Space	SAM Space	SAM Space

ALGORITHMS

Pink Level

<i>Understands what an algorithm is and is able to express simple linear (non-branching) algorithms symbolically.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Understands that computers need precise instructions.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Demonstrates care and precision to avoid errors.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

Yellow Level

LEVEL 1 - U.K. CURRICULUM ALIGNMENT MAP

<i>Understands that algorithms are implemented on digital devices as programs.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Designs simple algorithms using loops, and selection i.e. if statements.</i>			✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Uses logical reasoning to predict outcomes.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Detects and corrects errors i.e. debugging, in algorithms</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Orange Level												
<i>Designs solutions (algorithms) that use repetition and two-way selection i.e. if, then and else.</i>				✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Uses diagrams to express solutions.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
<i>Uses logical reasoning to predict outputs, showing an awareness of inputs.</i>	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Blue Level												
<i>Shows an awareness of tasks best completed by humans or computers.</i>				✓		✓	✓	✓	✓	✓	✓	✓
<i>Designs solutions by decomposing a problem and creates a sub-solution for each of these parts.</i>			✓				✓	✓	✓	✓	✓	✓
<i>Recognises that different</i>				✓						✓	✓	✓

