




































CUSP DT Long term sequence	Block A	Block B	Block C	Block D	Block E	Block F
Year 1	Mechanisms	Structures	Food and Nutrition	Understanding Materials	Textiles	Food and Nutrition
Year 2	Textiles	Food and Nutrition	Mechanisms	Understanding Materials	Food and Nutrition	Structures
Year 3	Textiles	Food and Nutrition	Mechanisms	Food and Nutrition	Systems	Structures
Year 4	Food and Nutrition	Mechanisms	Textiles	Structures	Systems	Food and Nutrition
Year 5	Food and Nutrition	Systems	Textiles	Mechanisms	Structures	Food and Nutrition
Year 6	Food and Nutrition	Mechanisms	Food and Nutrition	Structures	Systems	Textiles

Year	Block A	Block B	Block C	Block D	Block E	Block F
1	<p>Core discipline: Mechanisms Key Concept: Sliders and levers</p> 	<p>Core discipline: Structures Key Concept: Freestanding structures</p> 	<p>Core discipline: Food and Nutrition Key Concept:</p> 	<p>Core discipline: Understanding Materials Key Concept: Selecting materials</p>  <p>CUSP link: Materials</p>	<p>Core discipline: Textiles Key Concept: Joining techniques</p>  <p>CUSP link: Hot and cold places</p>	<p>Core discipline: Food and Nutrition Key Concept:</p> 
2	<p>Core discipline: Textiles Key Concept: Exploring shape using a template</p> 	<p>Core discipline: Food and Nutrition Key Concept:</p>  <p>CUSP link: Animals, including humans (Keeping healthy)</p>	<p>Core discipline: Mechanisms Key Concept: Axles and wheels</p> 	<p>Core discipline: Understanding Materials Key Concept: Manipulating materials</p>  <p>CUSP link: Use of everyday materials</p>	<p>Core discipline: Food and Nutrition Key Concept:</p> 	<p>Core discipline: Structures Key Concept: Developing strength in structures</p> 
3	<p>Core discipline: Textiles Key Concept: Stiffening and strengthening fabric</p> 	<p>Core discipline: Food and Nutrition Key Concept:</p>  <p>CUSP link: Animals, including humans</p>	<p>Core discipline: Mechanisms Key Concept: Levers and linkages</p>  <p>CUSP link: Forces and magnets</p>	<p>Core discipline: Food and Nutrition Key Concept:</p> 	<p>Core discipline: Systems Key Concept: How things are powered</p> 	<p>Core discipline: Structures Key Concept: Spanning gaps</p> 
4	<p>Core discipline: Food and Nutrition Key Concept:</p> 	<p>Core discipline: Mechanisms Key Concept: Hinges</p> 	<p>Core discipline: Textiles Key Concept: Fixings and fastenings</p> 	<p>Core discipline: Structures Key Concept: Designing structures using a frame to make them stronger and sturdier</p> 	<p>Core discipline: Electrical Systems Key Concept: Switches and circuits revisited</p>  <p>CUSP link: Electricity</p>	<p>Core discipline: Food and Nutrition Key Concept:</p>  <p>CUSP link: Animals, including humans (Digestion)</p>
5	<p>Core discipline: Food and Nutrition Key Concept:</p> 	<p>Core discipline: Systems Key Concept: Greener power</p> 	<p>Core discipline: Textiles Key Concept: Durability of fabric</p> 	<p>Core discipline: Mechanisms Key Concept: Pulleys and gears</p>  <p>CUSP link: Forces</p>	<p>Core discipline: Structures Key Concept: Developing structures that are fit for purpose and design</p> 	<p>Core discipline: Food and Nutrition Key Concept:</p>  <p>CUSP link: World countries</p>
6	<p>Core discipline: Food and Nutrition Key Concept:</p> 	<p>Core discipline: Mechanisms Key Concept: Pulleys and gears</p> 	<p>Core discipline: Food and Nutrition Key Concept:</p> 	<p>Core discipline: Structures Key Concept: Designing structures revisited – combining skills and knowledge</p> 	<p>Core discipline: Electrical Systems Key Concept: Complex switches and circuits</p>  <p>CUSP link: Electricity</p>	<p>Core discipline: Textiles Key Concept: Sustainable materials</p> 