



## Year Five DT Overview for the Year

	Week 1	Week 2	Week 3	Week 4	Week 5	Week 6
Term 1						
Term 2	<p>DT: Mechanical Systems Making a pop-up book</p> <p><b>Lesson 1:</b> Pop-up book page design</p> <p><b>LO:</b> To design a pop-up book</p> <ul style="list-style-type: none"> <li>KS2:DT D 1 KS2:DT D 2 KS2:DT E 1 KS2:DT E 2 KS2:DT TK 1 KS2:DT TK 2</li> <li><b>Big Idea (Aspect):</b> Materials (Materials for Purpose) Creativity (Generation of ideas) Investigation (Investigation) Investigation (Evaluate)</li> </ul>	<p>DT: Mechanical Systems Making a pop-up book</p> <p><b>Lesson 2:</b> Making my pop-up book</p> <p><b>LO:</b> To follow my design brief to make my pop-up book</p> <p>KS2:DT D 2 KS2:DT M 1 KS2:DT M 2 KS2:DT E 1 KS2:DT E 2 KS2:DT TK 1 KS2:DT TK 2</p> <ul style="list-style-type: none"> <li><b>Big Idea (Aspect):</b> Materials (Materials for Purpose) Creativity (Generation of ideas)</li> </ul>	<p>DT: Mechanical Systems Making a pop-up book</p> <p><b>Lesson 3:</b> Using layers and spacers</p> <p><b>LO:</b> To use layers and spacers to cover the working of mechanisms</p> <p>KS2:DT D 2 KS2:DT M 1 KS2:DT M 2 KS2:DT E 1 KS2:DT E 2 KS2:DT TK 1 KS2:DT TK 2</p> <ul style="list-style-type: none"> <li><b>Big Idea (Aspect):</b> Materials (Materials for Purpose) Creativity (Generation of ideas) Investigation (Investigation)</li> </ul>	<p>DT: Mechanical Systems Making a pop-up book</p> <p><b>Lesson 4:</b> Writing and illustrating</p> <p><b>LO:</b> To create a high-quality product suitable for a target user.</p> <p>KS2:DT D 2 KS2:DT M 1 KS2:DT M 2 KS2:DT E 1 KS2:DT E 2 KS2:DT TK 1 KS2:DT TK 2</p> <ul style="list-style-type: none"> <li><b>Big Idea (Aspect):</b> Materials (Materials for Purpose) Creativity (Generation of ideas) Investigation (Investigation)</li> </ul>		



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	Significance (Significant people)	Investigation (Investigation)	Investigation (Evaluate)	Investigation (Evaluate)		
Term 3						
Term 4	DT: Digital World: Monitoring Devices  <b>Lesson 1:</b> Monitoring devices  <b>LO:</b> To carry out research to develop design criteria  <b>KS2:DT D 1 KS2:DT E 3</b>  <b>Big Idea (Aspect):</b> <b>Creativity (Use of ICT)</b>	DT: Digital World: Monitoring Devices  <b>Lesson 2:</b> Programming an animal monitor  <b>LO:</b> To write a program to monitor the ambient temperature including an alert  <b>KS2:DT TK 4</b>  <b>Big Idea (Aspect):</b> <b>Creativity (Use of ICT)</b>	DT: Digital World: Monitoring Devices  <b>Lesson 3:</b> Plastic  <b>LO:</b> To generate creative and unique micro:bit case, stand and/or housing ideas.  <b>KS2:DT D 2 KS2:DT E 3 KS2:DT TK 1</b>  <b>Big Idea (Aspect):</b> <b>Creativity (Use of ICT)</b> <b>Creativity (Generation of ideas)</b> <b>Investigation (Evaluation)</b>	DT: Digital World: Monitoring Devices  <b>Lesson 4:</b> 3D CAD Skills  <b>LO:</b> To learn about and practise 3D CAD skills.  <b>KS2:DT D 2 KS2:DT E 2</b>  <b>Big Idea (Aspect):</b> <b>Creativity (Use of ICT)</b> <b>Creativity (Generation of ideas)</b> <b>Investigation (Evaluation)</b>		
Term 5						



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<b>Term 6</b>	<p>DT: Textiles: Stuffed Toys</p> <p><b>Lesson 1:</b> Designing a stuffed toy</p> <p><b>LO:</b> To identify a stuffed toy.</p> <ul style="list-style-type: none"> <li>▪ <b>KS2:DT D 2</b></li> <li>▪ <b>Big Idea (Aspect):</b></li> <li>▪ <b>Creativity (Generation of ideas)</b></li> </ul> <p>Materials (Cutting and joining textiles)</p> <p><b>Investigation (Investigation)</b></p>	<p>DT: Textiles: Stuffed Toys</p> <p><b>Lesson 2:</b> Blanket stitch</p> <p><b>LO:</b> To sew blanket stitch</p> <ul style="list-style-type: none"> <li>▪ <b>KS2:DT M 1</b></li> <li>▪ <b>Big Idea (Aspect):</b></li> </ul> <p>Materials (Cutting and joining textiles)</p> <ul style="list-style-type: none"> <li>▪ <b>Investigation (Investigation)</b></li> </ul>	<p>DT: Textiles: Stuffed Toys</p> <p><b>Lesson 3:</b> Details and appendages</p> <p><b>LO:</b> To create and add decorations to fabric</p> <p><b>KS2:DT TK 1</b></p> <ul style="list-style-type: none"> <li>▪ <b>Big Idea (Aspect):</b></li> </ul> <p>Materials (Cutting and joining textiles)</p> <p>Materials (Decorating and embellishing textiles)</p> <p><b>Investigation (Investigation)</b></p>	<p>DT: Textiles: Stuffed Toys</p> <p><b>Lesson 4:</b> Stuffed toy assembly</p> <p><b>LO:</b> To use a blanket stitch to assemble the components of a stuffed toy.</p> <p><b>KS2:DT TK 1 KS2:DT E 2</b></p> <ul style="list-style-type: none"> <li>▪ <b>Big Idea (Aspect):</b></li> </ul> <p>Materials (Cutting and joining textiles)</p> <p>Materials (Decorating and embellishing textiles)</p> <p><b>Investigation (Investigation)</b></p> <p><b>Investigation (Evaluation)</b></p>		