

**HIGH LITTLETON CHURCH OF ENGLAND PRIMARY SCHOOL  
DESIGN AND TECHNOLOGY MEDIUM TERM PLAN TERM 3 2022-2023**

	<b>Week 1</b>	<b>Week 2</b>	<b>Week 3</b>	<b>Week 4</b>	<b>Week 5</b>	<b>Week 6</b>
<b>Hedgehog</b>	<p><b>Joining fabrics</b> Pupils explore and evaluate different ways to join fabrics together, including glueing, pinning and stapling.</p>	<p><b>Designing my puppet</b> After deciding on which character their puppet will be based, children use a simple template to cut out their felt.</p>	<p><b>Making and joining my puppet</b> Children join their pieces of fabric for their puppet, using their preferred technique of pinning, stapling or glueing.</p>	<p><b>Decorating my puppet</b> Children decorate their hand puppet in keeping with their chosen storybook character using a variety of carefully selected materials.</p>	<b>POP Task</b>	
<b>Fox</b>						
<b>Badger</b>	<p><b>Smart wearables</b> Children learn about product development during the digital revolution, when designs started to include electronic elements. Pupils explore wearable technology before discovering how a Micro:bit can be used to problem-solve a product design scenario.</p>	<p><b>Programming an eCharm</b> Pupils write a program to initiate a flashing LED panel using the Micro:bit light sensing, as part of their eCharm.</p>	<p><b>eCharm pouches</b> Children create and decorate a foam pouch for their eCharm, using a template.</p>	<p><b>Point of sale displays</b> Children design a display badge and/or stand using CAD (computer-aided design) software for their eCharm.</p>	<b>POP Task</b>	
<b>Otter</b>						
<b>Deer</b>	<b>Pop-up book page design</b>	<b>Making my pop-up book</b>	<b>Using layers and spacers</b>	<b>Writing and illustrating</b>	<b>POP Task</b>	

	<p>Designing a pop-up book for younger children. After choosing an appropriate story to base their pop-up book on, children draw out the pages, write the captions and specify the mechanisms they will use and the resulting movement they envisage.</p>	<p>Children create the structure of their books, including the pop-up features, and begin to make their mechanisms</p>	<p>Children secure their mechanisms onto the pages and give their books a professional finish, using layers and spacers to hide the mechanisms.</p>	<p>Children add the finishing touches to their books, adding illustrations, colour and writing captions</p>		
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