

Design and Technology	
Year Group	Concept: E- Technical Knowledge
Year 1	<ol style="list-style-type: none"> 1. I can select materials based on their properties. 2. I can select an appropriate adhesive based on the materials I am using.
Year 2	<ol style="list-style-type: none"> 1. I can select and explain why I have decided to use certain materials. 2. I can select appropriate adhesives and explain why they are suitable.
Year 3	<ol style="list-style-type: none"> 1. When creating a complex structure, I can decide how to strengthen, stiffen and reinforce it. 2. I can make a product which uses both electrical and mechanical components.
Year 4	<ol style="list-style-type: none"> 1. I can add a mechanical system to my product. 2. I can suggest improvements when using a mechanical system.
Year 5	<ol style="list-style-type: none"> 1. I can investigate using an electrical system in my product. 2. I can create my own electrical system e.g. using switches, bulbs, buzzers and motors. 3. I can recognise the effect of changing part of my electrical system and how this will impact on the use of my product.
Year 6	<ol style="list-style-type: none"> 1. I can apply my understanding of computing to program my product. 2. I can apply my understanding of computing to monitor and control my product.