**DT Skills and Knowledge Progressions for Year 5**

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| Objective | Topic covered in  | Pupils Working Towards Expectations | Pupils Exceeding Expectations |
| Designing | * I can use existing products to help me understand how key events and individuals in design and technology have helped shape the world
* I can generate ideas through brainstorming, investigations and web-based research when identifying a purpose for my product
* I can develop a simple design specification
* I can use annotated sketches and prototypes to model and communicate ideas e.g. CAD ( computer aided design)
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| Making | * I can develop a clear idea of what has to be done, planning how to use materials, equipment and processes and suggesting alternative methods of making, if the first attempts fail
* I can select appropriate tools and techniques for making my product according to their functional properties and aesthetic qualities
* I can use my skills to measure, mark out and cut accurately and safely to ensure a good quality finish
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| Technical Knowledge | * I can include a simple mechanism that produces one outcome e.g. a moving lever, gears, pulleys
* I can join and combine materials and components accurately in temporary and permanent ways e.g. taping, sewing or pinning
* I know and can use technical vocabulary relevant to the project
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| Evaluating | * I can evaluate my final product with reference back to my original design specification
* I can evaluate my product personally and seek evaluation from others
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| Food | * I understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed
* I can apply the rules for basic food hygiene and other safe practices e.g. hazards related to the use of ovens and knives
* I can weigh and measure accurately ( time, dry ingredients and liquid)
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