

## DT – Knowledge Progression

Key Area	EYFS	Y1	Y2	Y3	Y4	Y5	Y6
<b>Design</b>	<p>Know that ideas are the 1<sup>st</sup> step in the making process.</p> <p>Know that a product can be made from a plan.</p>	<p>Know that a plan/design draws together ideas to make a product</p> <p>Know that there is more than one way to create a plan/design</p>	<p>Know that a plan/design can be created and adapted to suit a specific product</p> <p>Know that there are different ways to communicate ideas including IT.</p>	<p>Know that research can inform plans/design criteria which can be altered and improved for a range of purposes</p>	<p>Know that the outcome from a design will be affected by the designer's choice</p>	<p>Know that different types of plans/designs can be used for a variety of purposes</p>	<p>Know that purpose and audience subsequently shapes the design of a product</p>
<b>Making</b>	<p>Know primarily through their own experiences that tools and materials can be safely used to make things.</p>	<p>Know that there is a range of different tools and materials which can be used to create a product</p>	<p>Know that some tools and materials are more useful than others when creating a product</p>	<p>Know that the characteristics of tools and materials informs their use in the making process</p>	<p>Know that the success of the making process is reliant on the accurate selection and use of appropriate tools and materials.</p>	<p>Know that products with the same purpose can be made using a range of tools, materials and different designs and still be effective.</p>	<p>Know that a prototype can be a key part of the making process and be used to canvas opinion and test out the product on a wide range of users so that it will be fit for purpose.</p>
<b>Evaluating</b>	<p>Know that creations may or may not meet initial expectations.</p> <p>Know that a simple evaluation can be used to improve a product</p>	<p>Know that a set of criteria is needed in order to judge the effectiveness of a product.</p>	<p>Know that how well a creation matches to the criteria is a deciding factor in how effective the end product is.</p>	<p>Know that criteria may need adjusting to make an accurate evaluation.</p>	<p>Know that your own evaluation and the views of others can lead to modifications to the criteria and the creation of a new and improved design.</p>	<p>Know that products have evolved over time as a result of constant evaluation and modification in line with the changing world.</p>	<p>Know that evaluation of past and present DT leads to an understanding about its impact on modern day life.</p>
<b>Cooking and Nutrition</b>	<p>Know that there are healthy and unhealthy foods</p>	<p>Know that all food comes from different sources</p>	<p>Know that there are foods that support good health and contribute towards a balanced diet</p>	<p>Know that food is categorized into sweet and savoury</p>	<p>Know that there are a range of techniques that can be used in preparing</p>	<p>Know that there are different processes that food goes through to get to the final product.</p>	<p>Know that seasonality can affect the availability and quality of products.</p>

				Know that food choices have an impact on health	and cooking sweet and savoury food		Know that food ingredients should be stored in a specific way
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