

Everton Primary School – DT Progression Document by Year Group



DT – Learning Progression

Key Area	EYFS	Y1	Y2	Y3	Y4	Y5	Y6
Design	<p>Know that ideas are the 1st 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 are different ways of creating a design.</p>	<p>Know that a plan/design can be created and adapted.</p> <p>Know that some ways of developing, modelling and communicating ideas are more appropriate than others in the design process.</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 design of a product can be revisited and re-shaped in stages and sections.</p>	<p>Know that purpose and audience subsequently shapes the design of a product.</p>
Making	<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 a prototype is an experimental process and that preliminary versions can inform the final product.</p>	<p>Know that a prototype can be refined, is a key part of the making process and can be tested out on a wide range of users so that the final product is fit for purpose.</p>

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<p>Evaluating</p>	<p>Know that an evaluation is a judgement.</p>	<p>Know that a simple evaluation can be used to improve a product.</p>	<p>Know that in order to evaluate ideas and products a set of design criteria is needed.</p>	<p>Know that the purpose of evaluation is for reflection and to help inform any changes required to make a product more effective.</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>
<p>Technical Knowledge</p>	<p>Know that products need to be strong. Know that products move.</p>	<p>Know that there are ways to make a product stronger. Know that levers can be used to create movement. Know that textiles can be cut and joined to make a product</p>	<p>Know that materials can be measured. Know that wheels and axles can be used to create movement. Know that textiles can be joined to make a product.</p>	<p>Know that cuts and holes can be made accurately. Know that simple linkages can be used to create movement. Know that textiles can be joined in different ways.</p>	<p>Know that mistakes can be avoided by measuring carefully. Know that pneumatics can be used to create movement. Know that there are ways to join textiles in order to make the product strong.</p>	<p>Know that products need to be strong and fit for purpose by being precise. Know that cams can be used to create movement.</p>	<p>Know that a 3D frame can be reinforced and strengthened. Know that pulleys and gears can be used to create movement.</p>
<p>Cooking and Nutrition</p>	<p>Know that there are healthy and unhealthy foods. Know that there are lots of different foods.</p>	<p>Know that food can contribute towards a healthy diet. Know that food comes from different sources.</p>	<p>Know that food choices have an impact on health. Know that some food sources are more readily available in different countries and different climates.</p>	<p>Know that food can be classified into groups and that each group can contribute towards a balanced diet. Know that food has a limited lifespan without intervention and that there are methods which can prolong and preserve food.</p>	<p>Know that your own food choices have a direct impact on your own health.</p>	<p>Know that there are a range of techniques that can be used in preparing and cooking different types of food.</p>	<p>Know that globally health can be adversely impacted when food choices are limited due to environmental and social circumstances beyond an individual's control.</p>

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