

Progression of skills in Design and Technology 2019

	Early Years	Year 1	Year 2	End of stage expectations
Design	<p><b>Constructs</b> with a purpose in mind, using a variety of resources.</p> <p>Uses <b>simple tools and techniques</b> competently and appropriately.</p> <p>Selects <b>appropriate resources</b> and <b>adapts</b> work where necessary.</p>	<p>Can I think of some of my <b>own ideas</b>?</p> <p>Can I <b>explain</b> what I want to do?</p> <p>Can I <b>describe</b> my design by using <b>pictures, models and words</b>?</p> <p>Can I design a <b>product for myself</b> and others following a design criteria?</p>	<p>Can I think of ideas and <b>plan what to do next</b>?</p> <p>Can I choose the <b>best</b> tools and materials?</p> <p>Can I give a <b>reason</b> why there are the best?</p> <p>Can I describe my design by using <b>pictures, diagrams, words or computing</b>?</p> <p>Can I design a <b>product for others</b> using design criteria?</p>	<p>Design purposeful, functional, appealing products for themselves and others based on design criteria.</p> <p>Generate, develop, model and communicate their ideas through talking, drawing, templates, and where appropriate ICT.</p>
Make	<p>Selects <b>tools and techniques</b> needed to <b>shape, assemble</b> and <b>join materials</b> they are using.</p> <p>They <b>use</b> and <b>explore</b> a variety of <b>materials, tools and techniques</b>.</p> <p>They <b>represent</b> their own <b>ideas, thoughts and feelings</b> through design and technology.</p>	<p>Can I <b>explain</b> what I am making?</p> <p>Can I <b>select tools</b> and <b>equipment</b> to cut, shape, join and finish?</p> <p>Can I <b>choose the right materials</b>?</p>	<p>Can I explain what I am making and <b>why</b> my audience will like it?</p> <p>Can I join things (materials, components) together in <b>different ways</b>?</p> <p>Can I choose materials and <b>explain why they are being used</b> depending on their <b>characteristics</b>?</p>	<p>Select from and use a range of tools and equipment to perform practical tasks such as cutting, shaping, joining and finishing.</p> <p>Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics.</p>
Evaluate		<p>Can I <b>talk</b> about my <b>own work</b>?</p> <p>Can I <b>talk</b> about <b>existing products</b> and say what is <b>good and not so good about them</b>?</p>	<p>Can I <b>describe what went well</b> with my work?</p> <p>Can I <b>evaluate what I would do differently</b> if I did it again and <b>why</b>?</p> <p>Can I <b>judge my work against the design criteria</b>?</p>	<p>Explore and evaluate a range of existing products.</p> <p>Evaluate their ideas and products against design criteria.</p>

<p>Technical Knowledge</p>		<p><b>Construction</b>                  Can I say how to make products stronger?                  Can I use levers or slides in my work?</p> <p><b>Cooking and Nutrition</b>                  Can I cut food safely?                  Can I describe the texture of foods?                  Can I wash my hands and make sure that surfaces are clean?                  Can I think of interesting ways of decorating food I have made eg. Cakes.                  Can I say where some food comes from?</p>	<p><b>Mechanisms</b>                  Can I join materials together as part of a moving product?                  Can I add a specific design to my product?                  Can I use axels and wheels in my work?</p> <p><b>Cooking and Nutrition</b>                  Can I describe the properties of the ingredients I am using and why it is important to be varied in my diet?                  Can I explain what it means to be hygienic?                  Can I say where some foods come from, eg. Animals, underground, over ground etc?</p> <p><b>Textiles</b>                  Can I measure textiles?                  Can I join textiles together to make something?                  Can I cut textiles?                  Can I explain why I chose a certain textile?</p>	<p><b>Technical knowledge</b>                  Build structures, exploring how they can be made stronger, stiffer and more stable.</p> <p>Explore and use mechanisms, such as levers, slides, wheels and axels in their products.</p> <p><b>Cooking and Nutrition</b>                  Use the basic principles of a healthy and varied diet to prepare dishes.                  Understand where food comes from.</p>
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