



INTENT - Developing Progression in D & T – by the end of KS1

Designing:	KS1: Across KS1 pupils should:
Understanding contexts, users and purposes	<ul style="list-style-type: none">• Work confidently with a range of contexts, such as imaginary, story-based, home, school, gardens, playgrounds, local community, industry and the wider environment.
	<ul style="list-style-type: none">• State what products they are designing and making.
	<ul style="list-style-type: none">• Say whether their products are for themselves or other users.
	<ul style="list-style-type: none">• Describe what their products are for.
	<ul style="list-style-type: none">• Say how their products will work.
	<ul style="list-style-type: none">• Say how they will make their products suitable for their intended users.
Generating, developing, modelling and communicating ideas:	<ul style="list-style-type: none">• Use simple design criteria to help develop their ideas.
	<ul style="list-style-type: none">• Generate ideas by drawing on their own experiences.
	<ul style="list-style-type: none">• Use knowledge of existing products to help come up with ideas.
	<ul style="list-style-type: none">• Develop and communicate ideas by talking and drawing.
	<ul style="list-style-type: none">• Model ideas by exploring materials, components and construction kits and by making templates and mock-ups.
	<ul style="list-style-type: none">• Use information and communication technology, where appropriate, to develop and communicate their ideas.

Making:	KS1: Across KS1 pupils should:
Planning	<ul style="list-style-type: none">• <i>Plan by suggesting what to do next.</i>
	<ul style="list-style-type: none">• Select from a range of tools and equipment, <i>explaining their choices.</i>
	<ul style="list-style-type: none">• Select from a range of materials and components according to their characteristics.
Practical skills and techniques	<ul style="list-style-type: none">• Follow procedures for safety and hygiene.
	<ul style="list-style-type: none">• Use a range of materials and components, including construction materials and kits, textiles, food ingredients and mechanical components.
	<ul style="list-style-type: none">• Measure, mark out, cut and shape materials and components.
	<ul style="list-style-type: none">• Assemble, join and combine materials and components.
	<ul style="list-style-type: none">• Use finishing techniques, including those from art and design.

Evaluating:	KS1: Across KS1 pupils should:
Own ideas and products	<ul style="list-style-type: none"> • Talk about their design ideas and what they are making. • Make simple judgements about their products and ideas against design criteria. • <i>Suggest how their products could be improved.</i>
Existing products	<ul style="list-style-type: none"> • What products are. • Who products are for. • What products are for. • How products work. • How products are used. • Where products might be used. • What materials products are made from. • What they like and dislike about products.
Key events and individuals	<ul style="list-style-type: none"> • Not a requirement in KS1

Technical Knowledge:	KS1: Across KS1 pupils should know:
Making products work	<ul style="list-style-type: none"> • About the simple working characteristics of materials and components. • About the movement of simple mechanisms such as levers, sliders, wheels and axles. • How freestanding structures can be made stronger, stiffer and more stable. • <i>That 3D textiles product can be assembled from two identical fabric shapes.</i> • <i>That food ingredients should be combined according to their sensory characteristics.</i> • <i>The correct technical vocabulary for the projects they are undertaking.</i>

Cooking and Nutrition:	KS1: Across KS1 pupils should know:
Where food comes from	<ul style="list-style-type: none"> • That all food comes from plants or animals. • That food has to be farmed, grown elsewhere (e.g home) or caught.
Food preparation, cooking and nutrition	<ul style="list-style-type: none"> • How to name and sort foods into the five groups in The Eatwell Plate. • That everyone should eat at least five portions of fruit and vegetables every day. • How to prepare simple dishes safely and hygienically, without using a heat source. • How to use techniques such as cutting, peeling and grating.

KS1 and 2 National Curriculum 2014 – statements which are either derived directly from the programmes of study for DT or provide an age-related interpretation of the requirements are shown in regular font.

School Curriculum – statements which are additional to the programmes of study for D & T are shown in italic font.