



St Ursula's Catholic Primary School

Design Technology National Curriculum Targets 2020-21

Nursery	National Curriculum targets
Autumn Term 1	9. Beginning to be interested in and describe the texture of things. 10. Uses various construction materials. 11. Beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces. 12. Joins construction pieces together to build and balance. 13. Realises tools can be used for a purpose.
Autumn Term 2	
Spring Term 1	
Spring Term 2	
Summer Term 1	
Summer Term 2	

Reception	National Curriculum targets
Autumn Term 1	<ul style="list-style-type: none"> 6. Manipulates materials to achieve a planned effect. 7. Constructs with a purpose in mind, using a variety of resources. 8. Uses simple tools and techniques competently and appropriately. 9. Selects appropriate resources and adapts work where necessary. 10. Selects tools and techniques needed to shape, assemble and join materials they are using.
Autumn Term 2	
Spring Term 1	
Spring Term 2	
Summer Term 1	<ul style="list-style-type: none"> 2. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.
Summer Term 2	<ul style="list-style-type: none"> 1. Children use what they have learnt about media and materials in original ways, thinking about uses and purposes. 2. They represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role play and stories.

Year 1	National Curriculum targets
Autumn Term 1	<p>Design purposeful, functional, appealing products for themselves and other users based on design criteria.</p> <p>Generate, develop, model and communicate their ideas through talking, drawing.</p> <p>Select from and use a range of tools and equipment to perform practical tasks</p> <p>Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p>Evaluate their ideas and products against design criteria</p> <p>Explore and use mechanisms, in their products. (e.g – levers)</p>
Autumn Term 2	N/A
Spring Term 1	<p>Design</p> <p>Design purposeful, functional, appealing products for themselves and other users based on design criteria</p> <p>Generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p>Make</p> <p>Select from and use a range of tools and equipment to perform practical tasks</p> <p>Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p>Evaluate</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>Build structures, exploring how they can be made stronger, stiffer and more stable</p> <p>Explore and use mechanisms, in their products. (e.g – levers)</p>
Spring Term 2	N/A
Summer Term 1	<p>Design</p> <p>Design purposeful, functional, appealing products for themselves and other users based on design criteria</p> <p>Generate, develop, model and communicate their ideas through talking, drawing,</p> <p>Make</p> <p>Select from and use a range of tools and equipment to perform practical tasks</p> <p>Select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p>Evaluate</p> <p>Explore and evaluate a range of existing products</p> <p>Evaluate their ideas and products against design criteria</p> <p>DT1/1.4 Technical Knowledge</p> <p>Build structures, exploring how they can be made stronger, stiffer and more stable</p> <p>Explore and use mechanisms, in their products. (e.g -wheels axles)</p>
Summer Term 2	N/A

Year 2	National Curriculum targets
Autumn Term 1	N/A
Autumn Term 2	<p>Design</p> <p>DT1/1.1a design purposeful, functional, appealing products for themselves and other users based on design criteria</p> <p>DT1/1.1b generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p>Make</p> <p>DT1/1.2a select from and use a range of tools and equipment to perform practical tasks</p> <p>DT1/1.2b select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p>Evaluate</p> <p>DT1/1.3a explore and evaluate a range of existing products</p> <p>DT1/1.3b evaluate their ideas and products against design criteria</p>
Spring Term 1	<p>Design</p> <p>DT1/1.1a design purposeful, functional, appealing products for themselves and other users based on design criteria</p> <p>DT1/1.1b generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p>Make</p> <p>DT1/1.2a select from and use a range of tools and equipment to perform practical tasks</p>

	<p>DT1/1.2b select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p>Evaluate</p> <p>DT1/1.3a explore and evaluate a range of existing products</p> <p>DT1/1.3b evaluate their ideas and products against design criteria</p>
<p>Spring Term 2</p>	<p>N/A</p>
<p>Summer Term 1</p>	<p>Design</p> <p>DT1/1.1a design purposeful, functional, appealing products for themselves and other users based on design criteria</p> <p>DT1/1.1b generate, develop, model and communicate their ideas through talking, drawing, templates, mock-ups and, where appropriate, information and communication technology</p> <p>Make</p> <p>DT1/1.2a select from and use a range of tools and equipment to perform practical tasks</p> <p>DT1/1.2b select from and use a wide range of materials and components, including construction materials, textiles and ingredients, according to their characteristics</p> <p>Evaluate</p> <p>DT1/1.3a explore and evaluate a range of existing products</p> <p>DT1/1.3b evaluate their ideas and products against design criteria</p> <p>DT1/1.4 Technical Knowledge</p> <p>DT1/1.4a build structures, exploring how they can be made stronger, stiffer and more stable</p> <p>DT1/1.4b explore and use mechanisms, in their products. (e.g - levers, sliders, wheels axles)</p>

Summer Term 2

N/A