



**D.T.**

## **Curriculum Overview**

2022-2023

**Our Lady's Catholic Primary School**

The following curriculum overview may be subject to change.

At Our Lady's Primary School we are constantly evolving our curriculum in response to the needs of learners and national strategies.



# Our Lady's Catholic Primary School – Curriculum Overview D.T.



<p><b>Nursery</b></p>	<p><b>Through both continuous provision and adult-led activities, children will cover the objectives-</b>  Shows control in holding and using jugs to pour, hammers, books and mark-making tools.  Uses one-handed tools and equipment, e.g. makes snips in paper with child scissors to effect changes to materials.  Handles tools, objects, construction and malleable materials safely and with increasing control.  Shows understanding of the need for safety when tackling new challenges, and considers and manages some risks.  Shows understanding of how to transport and store equipment safely.  Practices some appropriate safety measures without direct supervision.  Beginning to be interested in and describe the texture of things.  Uses various construction materials, beginning to construct, stacking blocks vertically and horizontally, making enclosures and creating spaces.  Joins construction pieces together to build and balance.  Realises tools can be used for a purpose.  Understands that different media can be combined to create new effects.  Manipulates materials to achieve a planned effect.  Constructs with a purpose in mind, using a variety of resources.  Uses simple tools and techniques competently and appropriately.  Selects tools and techniques needed to shape, assemble and join materials they are using.  Uses available resources to create props to support role-play and create simple representations of events, people and objects.  Captures experiences and responses with a range of media, such as music, dance and paint and other materials or words.</p>		
<p><b>Reception</b></p>	<p><b>Through both continuous provision and adult-led activities, children will cover the objectives -</b>  Children handle equipment and tools effectively, including pencils for writing.  Children know the importance for good health of physical exercise, and a healthy diet, and talk about ways to keep healthy and safe.  Children will talk about their ideas, and will choose the resources they need for their chosen activities.  Children safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function.  Children represent their own ideas, thoughts and feelings through design and technology, art, music, dance, role-play and stories.</p>		
<p><b>Year 1</b></p>	<p><b>Mechanisms - Sliders / Movers and Levers</b>  Can you design, make and evaluate a moving picture for a greetings card?</p>	<p><b>Cooking and Nutrition</b>  Can you design, make and evaluate a fruity topping for your pancake on Shrove Tuesday?</p>	<p><b>Structures - Free Standing Structures</b>  Can you design, make and evaluate a bug hotel to let the bugs in our playground live in?</p>
<p><b>Year 2</b></p>	<p><b>Mechanisms - Wheels and Axles</b>  Can you design, make and evaluate a moving vehicle to transport a toy figure?</p>	<p><b>Textiles</b>  Can you design, make and evaluate a glove puppet to act out your favourite traditional story?</p>	<p><b>Cooking and Nutrition</b>  Can you make a healthy wrap/pitta/sandwich to take on a Summer Safari trip?</p>
<p><b>Year 3</b></p>	<p><b>Textiles</b>  Can you design, make and evaluate a Christmas sack for your presents, with a zip, button or Velcro fastening?</p>	<p><b>Structures – Shell Structures</b>  Can you design, make and evaluate a pyramid-shaped money box to keep your money safe?</p>	<p><b>Cooking and Nutrition</b>  Can you design, make and evaluate a pizza for your lunch?</p>
<p><b>Year 4</b></p>	<p><b>Structures - Shell Structures using Computer Aided Design</b>  Can you design, make and evaluate a gift box with a removable lid using computer aided design?</p>	<p><b>Cooking and Nutrition</b>  Can you design, make and evaluate a loaf of flavoured bread, for you to eat?</p>	<p><b>Electrical Systems</b>  Can you design, make and evaluate a potato clock for your class?</p>
<p><b>Year 5</b></p>	<p><b>Cooking and Nutrition</b>  Can you design, make and evaluate a gingerbread biscuit house for my family?</p>	<p><b>Structures – Frame Structures</b>  Can you design, make and evaluate a standing picture frame for your family?</p>	<p><b>Mechanisms - Pneumatics</b>  Can you make a moving monster toy for a younger child?</p>
<p><b>Year 6</b></p>	<p><b>Textiles</b>  Can you design, make and evaluate an item of clothing, e.g. neck scarf, headband, belt, for the Shakespeare performance?</p>	<p><b>Electrical Systems</b>  Can you design, make and evaluate a night light for your bedroom?</p>	<p><b>Cooking and Nutrition</b>  Can you design, make and evaluate a baked product to fulfil a brief for the Year 6 Bake Off competition?</p>