



# St Ursula's Catholic Primary School

## Design & Technology Curriculum Map 2020-21

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
<b>Nursery</b>	<b>Expressive Arts and Design- Media and Materials</b> 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.					
<b>Reception</b>	<b>Expressive Arts and Design- Media and Materials</b> 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.			<b>Expressive Arts and Design- Media and Materials</b> 2. They safely use and explore a variety of materials, tools and techniques, experimenting with colour, design, texture, form and function. <b>Expressive Arts and Design-Being Imaginative</b> 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.		
<b>Year 1</b>	<b>What toys did children play with in the past?</b> Make a moving toy	<b>Where is our school?</b>	<b>What is an explorer?</b> Make a junk model rocket or boat	<b>What is the United Kingdom?</b>	<b>How has transport changed?</b> Design and make a moving car	<b>How is weather different around the world?</b>
<b>Year 2</b>	<b>What is in our local area?</b>	<b>How did the fire start?</b> Baking bread	<b>How are you famous?</b> Design and create a hand puppet	<b>How do we use a map?</b>	<b>Have we always had the same Queen?</b> Design and make a castle	<b>Where is Kenya?</b>
<b>Year 3</b>	<b>Where do I live?</b> Designing virtual model cities (sustainable city)	<b>How did Bronze age people live?</b> Building a 3D Stonehenge model	<b>Let's go fly a kite!</b> Analysing different kite designs	<b>Oceans and Mountains</b> DT covered within science and computing lessons	<b>Who were the ancient Greeks?</b> Cooking a traditional Greek dish	<b>Where did the Romans go?</b> 3D models of Roman roads

			Designing, building and evaluating own kites			Studying the seasonality of Roman ingredients and cooking a traditional Roman dish
<b>Year 4</b>	<b>What was it like to be a dinosaur?</b> Building 3D dioramas	<b>Who was tougher? Vikings or Anglo-Saxons?</b> Studying and cooking Anglo-Saxon stew	<b>How did the Normans change England?</b> Studying a typical Norman diet Coding (programming, monitoring and controlling products)	<b>What makes British wildlife unique?</b> Create a design criteria for a wildlife documentary Design and produce a T-shirt that promotes British wildlife preservation	<b>Can we explore Canada?</b> Build an aboriginal tepee Analyse Canadian dishes and their nutritional value	<b>Do you Samba in Brazil?</b> Cook Brazilian Brigadeiros
<b>Year 5</b>	<b>Who were the Tudors and Stuarts?</b> DT covered within science and computing lessons	<b>What was it like to live in Ancient China?</b> No key DT links – History and Art-based topic	<b>Can we make St. Ursula's the movie?</b> Analysing stop motion animations. Designing, creating and evaluating own stop motion animations	<b>How is Egypt different to Britain?</b> Cook a traditional Egyptian dish – falafel Understand the seasonality of ingredients	<b>Why does Engineering matter?</b> Analysing different bridge designs Planning, building and evaluating own bridges Planning, building and evaluating 'egg protectors'	<b>Can we go on an African Safari?</b> Cook and taste traditional African dishes (Africa day) Understand the seasonality of ingredients
<b>Year 6</b>	<b>Where shall we sail?</b> Plan, create and evaluate a stall in an international market Cook food from a variety of cultures	<b>Immigration: What's our answer?</b> Designing, making, testing and evaluating overnight refugee shelters.	<b>How did London survive the Blitz?</b> Study the foods that were rationed during WWII	<b>Where did the Mayans and Aztecs live?</b> Designing and making a pulley/lever system useful in creating Aztec and Mayan pyramids.	<b>What is Art?</b> No key DT links – Art-based topic	<b>Why do we care about Shakespeare?</b> Build a model replica of the Globe Theatre Design, build and evaluate a puppet (using mechanisms)