

Design Technology Curriculum Learning Statements Overview 2023-24

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Year R	N/A (What's your favourite fairy-tale?) We will be: Using plates and collage materials to make a wolf, exploring colour mixing and making twinkle stars. I can use my own ideas and design with a purpose in mind. I can choose the correct tool for the correct purpose. <i>I can use a range of resources to make a product that I have designed.</i>	What changes in our environment can you see? We will be: Making Diva lamps for Diwali, using clay and paint. Creating Christmas decorations, making gingerbread and wrapping presents. <i>I can learn about a range of techniques to help make a product for a purpose.</i> I can learn about what people in history have designed and how they have achieved this. I can use my own ideas and design with a purpose in mind.	What can you see through a telescope? We will be: Creating junk modelling telescopes, painting planets and aliens. I can use a range of resources to make a product that I have designed. I can choose the correct tool for the correct purpose. <i>I will have a thorough knowledge of which tools, equipment and materials I will use to make my design product.</i>	If you were a fish, what fish would you be? We will be: Creating different sea creatures – junk modelling. Exploring painting with different materials <i>I can use a range of resources to make a product that I have designed.</i> I can evaluate what I have made by thinking about what worked and what can be improved. I can choose the correct tool for the correct purpose.	How does your garden grow? We will be: Creating prints using vegetables <i>I can use a range of resources to make a product that I have designed.</i> I can evaluate what I have made by thinking about what worked and what can be improved.	Are you mad about animals? We will be: Creating different animals – junk modelling. Exploring painting with different materials <i>I can use a range of resources to make a product that I have designed.</i> I can evaluate what I have made by thinking about what worked and what can be improved. I can choose the correct tool for the correct purpose.
Year 1	Design and make a Victorian Thaumatrope (How have toys changed overtime?) We will be: exploring old and new toys to compare to our toys. The children will be practising their colouring and cutting skills before creating their final design of their thaumatrope. I can learn about what people in history have designed and how they have achieved this. <i>I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product.</i> I can use a range of resources to make a product that I have designed.	N/A How does the weather change over seasons?	N/A Who is the oldest reigning monarch?	N/A How is London different to where we live?	What makes the seaside the seaside? We will be: learning about different lighthouses at the seaside. The children will be exploring the function of a lighthouse and their structures. The children will create their own lighthouse and make it with a tealight as their end product. <i>I can use a range of resources to make a product that I have designed.</i> I can learn about what people in history have designed and how they have achieved this. I can choose the correct tool for the correct purpose. I can evaluate what I have made by thinking about what worked and what can be improved.	Who was Mary Anning and how did she change history? We will be: learning about different dinosaurs, learning about what they look like and their diets. The children will sketch their own dinosaur to then build using clay and paint for their final outcome. I can use my own ideas and design with a purpose in mind. I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product. I can evaluate what I have made by thinking about what worked and what can be improved. <i>I can learn about a range of techniques to help make a product for a purpose.</i>
Year 2	Design, make and evaluate a treasure chest for a pirate	How did the fire change London?	N/A	N/A	N/A How has Andover changed?	How is Kingston different to Andover?

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	(What does a Pirate need to reach the treasure?) We will be learning how to make a treasure chest. We will first look at different treasure chests and evaluating them. They will then design their treasure chest before making and painting them. They will make them using A3 card and paint them in golds and silvers before adding sequins at the end. I can use a range of resources to make a product that I have designed. I can choose the correct tool for the correct purpose. I can evaluate what I have made by thinking about what worked and what can be improved. <i>I can learn about a range of techniques to help make a product for a purpose.</i>	We will be learning about Tudor Houses and what they were made out of. They will start off evaluating Tudor Houses and will then draw their own. They will use this drawing to make a Tudor House out of cardboard boxes and then paint them to look like a Tudor House. The roof will be made out of strips of yellow paper to look like straw. <i>I can use a range of resources to make a product that I have designed.</i> I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product. I can evaluate what I have made by thinking about what worked and what can be improved. I can learn about what people in history have designed and how they have achieved this	How does the weather change the closer you get to the equator?	Could The Titanic have been saved?		We will be tasting, designing and making different foods. We will start off making fruit kebabs and will then make pizzas. I can use my own ideas and design with a purpose in mind. <i>I can choose the correct tool for the correct purpose.</i> I can evaluate what I have made by thinking about what worked and what can be improved.
Year 3	N/A (Did it rock to live in Stone Age Britain?)	Plan and create a moving hand When was life in Andover better? The Iron Age or Stone Age? We will be: planning and creating a moving hand to support the children's science project. I can choose the correct tool for the correct purpose. <i>I can learn about a range of techniques to help make a product for a purpose.</i> I can evaluate what I have made by thinking about what worked and what can be improved.	Design and create a shelter How extreme can Earth be? We will be: designing and creating a shelter for people to use when they need a safe place to hide from the elements during a natural disaster. I can use my own ideas and design with a purpose in mind. <i>I can choose the correct tool for the correct purpose.</i> I can evaluate what I have made by thinking about what worked and what can be improved. I can learn about a range of techniques to help make a product for a purpose.	N/A Why should we save Earth's Rainforests?	N/A Who were the Romans? What did they do for us?	Design and create a water filter Andover- How do we use our land? We will be: designing and creating a water filter I can use a range of resources to make a product that I have designed. <i>I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product.</i> I can evaluate what I have made by thinking about what worked and what can be improved.

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Year 4	Design, make and evaluate a toy megacity for year R to play with ("Why do so many people settle in Megacities?") We will be: Designing, making and evaluating a toy megacity for year R to play with in their new classroom Investigation different toys <i>I can use my own ideas and design with a purpose in mind.</i> I can choose the correct tool for the correct purpose. I can evaluate what I have made by thinking about what worked and what can be improved.	"Were the Anglo Saxons the ruin of Britain?" We will be: Investigating Shield designs Design, Make and Evaluate finished product I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product. I can learn about what people in history have designed and how they have achieved this. <i>I can use a range of resources to make a product that I have designed.</i>	"Were the Vikings Raiders or Traders?" We will be: Investigating, designing, making and evaluating Viking longboats <i>I can learn about what people in history have designed and how they have achieved this.</i> I can choose the correct tool for the correct purpose. I can use my own ideas and design with a purpose in mind.	"Where does the River Anton begin and end?" We will be: Investigating different boat designs, design, make and evaluate own boat. I can learn about what people in history have designed and how they have achieved this. <i>I can choose the correct tool for the correct purpose.</i> I can use my own ideas and design with a purpose in mind.	"Was King Alfred really great?" We will be: Investigating pulleys. Design, make and evaluate a castle with a moving drawbridge using pulleys I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product. I can use a range of resources to make a product that I have designed. <i>I learn about a range of techniques to help make a product for a purpose.</i>	N/A444 Is the Costa Brava a world away from our local area?
Year 5	N/A (What was the greatest achievement for each civilisation?)	N/A Where in Russia would you launch a space rocket?	N/A What was everyday life for men, women and children in ancient Egypt? We will be: Design, make and evaluate a shaduf which will lift water from a 'river' <i>I can use my own ideas and design with a purpose in mind.</i> I can choose the correct tool for the correct purpose. I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product.	Why does parliament run the country rather than the king? We will be: Learning about seasonal vegetables and fruits and then designing, making and tasting seasonal soups using spring vegetables. I can use a range of resources to make a product that I have designed. <i>I can choose the correct tool for the correct purpose.</i> I can evaluate what I have made by thinking about what worked and what can be improved.	Why would a refugee want to move to Andover? Design, make and evaluate a shelter. I can use my own ideas and design with a purpose in mind. I can choose the correct tool for the correct purpose. I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product. <i>I can learn about what people in history have designed and how they have achieved this.</i>	N/A Are we protecting our British wildlife?
Year 6	Make a mountain and cable car (with pulleys) (Are there mountains in the UK?) We will be: Creating a mountain from papier mache and Modroc, decorating it and brainstorming how winter skiers could be transported from bottom to top.	Andover or the Canadian Wilderness – which biome would you choose? Additional unit if time We will be: Designing and making a wooden picture frame for our landscape paintings	N/A Why is the Mayan culture important?	Which countries grow cocoa and how do we get chocolate? Evaluating chocolate, creating and making our own chocolate bars.	N/A How have the Ancient Greeks influenced the modern western world?	How have the Ancient Greeks influenced the modern western world? We will be: Designing and making Greek theatre masks using a range of materials

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	We will then be designing, making and evaluating pulleys to lift skiers to the top of the mountain <i>I can use a range of resources to make a product that I have designed.</i> I can learn about a range of techniques to help make a product for a purpose. I can use my own ideas and design with a purpose in mind.	I can choose the correct tool for the correct purpose. <i>I can learn about a range of techniques to help make a product for a purpose.</i> I can evaluate what I have made by thinking about what worked and what can be improved.		We will agree criteria to taste test and evaluate milk, dark and white chocolate Look at extra ingredients that can be added to chocolate Designing our own chocolate bar using dark, milk and/or white chocolate and added ingredients Making own chocolate bar <i>I can use my own ideas and design with a purpose in mind.</i> I can learn about what people in history have designed and how they have achieved this. I can choose the correct tool for the correct purpose.		I will have a thorough knowledge of which tools, equipment and materials I will use to make my designed product. I can use my own ideas and design with a purpose in mind. <i>I can learn about a range of techniques to help make a product for a purpose.</i>
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