



	Autumn	Spring	Summer
N	<p>You and Me <i>Can we show and tell?</i></p> <p>The children will make paper Mache Christmas decorations to sell. They will construct with a purpose in mind, using a variety of resources.</p>	<p>It's a Small World <i>How can we dress our toys and teddies?</i></p> <p>The children will be making a costume for traditional story linked to the Chinese new year story. They will manipulate materials to achieve a planned effect.</p>	<p>A Whole New World <i>Where might we travel in the world?</i></p> <p>The children will be designing and making plant pots. They will use simple tools and techniques competently and appropriately.</p>
R	<p>A New Adventure <i>Create a puppet show</i></p> <p>The children make puppets to sell at the Christmas Fair. They make them with a purpose in mind and use tools and techniques appropriately. They assemble and join the materials they are using.</p>	<p>A Real World <i>How can we tell a story?</i></p> <p>The children understand that different media can be combined to make new effects. They manipulate different materials to achieve a planned effect.</p>	<p>A Magical World <i>How can we explore our forest school and make it really magical?</i></p> <p>The children select the right materials and techniques to turn the forest school into a magical forest. They explore what sounds can make it magical and experiment with colour, design, texture and form.</p>
1	<p>A Big Adventure <i>How can we create a resource pack to tell someone everything they need to know about our big adventure?</i></p>	<p>Far Far Away <i>How can the three Billy goats gruff get to their field without crossing the bridge and meeting the troll?</i></p> <p>The children are to design and make a bridge that will help the Billy Goats cross the river. They suggest and explain their ideas and show that they can use tools safely. They evaluate their boat by discussing how well it worked. They will use 2D and 3D design, looking and good products and technical terminology</p>	<p>The Jolly Farmer <i>How can we create a healthy food tasting festival for our families?</i></p> <p>Children select appropriate vegetables to make a soup that will be tasted at the festival. They use the correct processes and tools. They learn how to handle food and about basic food hygiene. The children evaluate their soup. They will look at healthy eating and where food comes from.</p>
2	<p>Bake Off - whole school Cooking and Nutrition challenge</p>	<p>Sparks will Fly <i>How can we tell the story of fire creatively?</i></p> <p>The children will make a chocolate biscuit following safe procedures for food safety and hygiene. They identify a purpose for what they intend to make and begin to select tools and materials; use vocabulary to name and describe them They will develop some simple repair skills.</p>	<p>Up, Up and Away <i>How can we make something fly?</i></p> <p>The children will make a kite by measuring, cutting and scoring accurately. They will use hand tools safely and can choose appropriate finishing techniques. They evaluate their kite against their design criteria. They will look at Food and Nutrition as well as Materials</p>
			<p>Buckets and Spades <i>Plan and design a gallery that brings the seaside to the city</i></p> <p>Children design and make their own ice cream using basic food handling skills and hygienic practices. They use simple finishing techniques to improve the appearance of their ice cream. They will complete practical design tasks and use ICT to communicate ideas</p>
			<p>The Really Rural Show <i>How can we recreate the countryside in our environment?</i></p> <p>Children will explore the outdoor environment and growing. They will learn how to look after plants and manage an outdoor space. They will also use design and making skills, progressing with joins to form products for their enterprise outcome such as Bird boxes or Bug hotels with a focus on Structures for Technical knowledge.</p>

NICER curriculum | DT Overview -KS2

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3	<p>Bake Off - whole school Cooking and Nutrition challenge</p> <p>Around the World in 80 Beats <i>Compose an album of songs of the world</i></p>	<p>A Day at the Museum <i>How can we run our own pop-up museum?</i></p> <p>Children select the correct tools and techniques to make a Greek vase.</p> <p>They work safely and accurately with a range of tools and can evaluate the end produce against their design criteria.</p>	<p>Dinosaur Stomp! <i>How can we bring dinosaurs back to life through dance?</i></p> <p>The children make a dinosaur bone/fossil from modrock. They identify a purpose for it and plan the order of their work.</p> <p>They select the right tools and techniques for making their fossil / bone.</p>
4	<p>Bolts n' Bones <i>Create an animation to show how the body works</i></p> <p>The children make bones out of Paper Mache and a skull out of modroc. They generate ideas and labeled drawings. They select appropriate tools and techniques and measure, mark out and shape materials. They join materials in different ways. They will look at Healthy food linked to the Body</p>	<p>Time Traveller <i>How can you produce a short movie on the history of the world?</i></p> <p>Children make a short video clip about the Egyptians and Vikings using simple graphical communication techniques.</p> <p>They will make own death masks using design and making skills.</p> <p>They evaluate their work both during and at the end.</p> <p>They will use Cooking skills to create healthy historical food or Food appropriate to watch a film!</p>	<p>Cracking Contraptions <i>Can we design and make a product which solves a problem?</i></p> <p>Children develop a clear idea for creating a product or design that solves a problem for someone, but also uses elements such as recycling, reusing and sustainable materials.</p> <p>They plan how to use materials, equipment and processes, and suggest alternative methods of making, if the first attempts fail</p> <p>They will use Graphical Communication skills, and design products Fit for Purpose</p>
5	<p>Pillars and Drains <i>How can we help the community?</i></p>	<p>Food v Man <i>How can we set up a healthy tuck shop to run in the school?</i></p> <p>Children make a smoothie using healthy foods. They weigh and measure ingredients accurately and can apply rules for basic food hygiene. They evaluate their product against their design specification.</p>	<p>Castle Attack! <i>How can you design an attack proof castle?</i></p> <p>Children generate ideas and then create a specification for an attack proof castle.</p> <p>They select appropriate tools and materials, using them safely and accurately. If the first attempt fails they are able to suggest other methods. They create a product with a good-quality finish and can evaluate their work against the design specification.</p> <p>They will develop Maintenance and Repair skills</p>
6	<p>Super Sudz <i>How can we design and produce organic soap?</i></p> <p>The children select appropriate tools, materials and techniques to make their own soap to sell at the Christmas Fair. They use tools safely and accurately, making modifications as they go along. They aim to achieve a high quality product to sell.</p>	<p>Goblins and Ghouls <i>Create our own chronicles</i></p>	<p>The Final Countdown <i>How can we set up a VPA events promotion company?</i></p> <p>Children undertake work linked to their events including: Display / design work to attract attention Decorations and layout design Invitations Catering Costume design and making</p> <p>They work to communicate their ideas through detailed labeled drawings and to develop a design specification. They explore, develop and communicate aspects of their design proposals by modeling their ideas in a variety of ways and work to select appropriate tools, materials, components and techniques</p>