

# Westvale Primary School

## Design and Technology Long Term Plan



Year Group	Autumn	Spring	Summer	
<b>Nursery</b>	Nursery Design and Technology skills, which provide the foundations for Reception and beyond, are covered through the Kapow art scheme – 'Craft and design' and are weaved through the curriculum throughout the year as follows.			
	<b>Kapow</b>	<u>Craft and Design</u> <u>Let's Get Crafty!</u> Lesson 1: Cutting skills Lesson 2: Threading skills  <b>Seasonal craft</b> – Salt dough Christmas decorations	<u>Craft and Design</u> <u>Let's Get Crafty!</u> Lesson 3: Joining materials Lesson 4: Paper snakes  <b>Seasonal craft</b> – Egg threading	<u>Craft and Design</u> <u>Let's Get Crafty!</u> Lesson 5: Flower designs Lesson 6: Tissue paper flowers  <b>Seasonal craft</b> – Salt Painting
	<b>Fine motor</b>	Draw large and small circles. Use child tweezers to pick up small items Begin to fasten buttons on clothing or zip up my jackets Roll balls and 'sausages' with play dough Use child scissors to make snips in paper, holding the paper with my other hand.	Manipulate clay to make a simple model Add detail to my playdough and clay models Use icing pens to decorate biscuits/cakes Hold an object in one hand and manipulate it with the other	
	<b>Creating with materials</b>		Know how to join workshop materials together to make simple models Collage workshop materials Use water colour paints/block paints Create/paint/draw something of their own (an idea) from experience/observations Create patterns using a range of media. Say how they would change their work to make it even better next time Choose tools (other than scissors) that might help them with their work. Design their own props to support imaginative play/story telling.	Talk about how and why they're doing something/the process they are undertaking. Persevere to finish their idea. Be proud to share their designs/models with others and ask to put them on display
<b>Reception</b>	<b>ASPECT: Mechanisms</b> MAKING CHRISTMAS CARDS CURRICULUM LINK: Seasons and celebrations INSPIRATION: VARIETY OF CHRISTMAS CARDS	<b>ASPECT: Food</b> FRUIT KEBABS CURRICULUM LINK: Growing / On the farm INSPIRATION: VARIETY OF FRUIT FOR TASTING	<b>ASPECT: Structures</b> MAKING SOMETHING TO CATCH THE EVIL PEA CURRICULUM LINK: Superheroes INSPIRATION: SUPERTATO & VARIETY OF ANIMAL CAGES	

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<b>Year 1</b>	<b>ASPECT: Mechanisms</b> <b>FOCUS: Sliders and Levers</b> MAKING A MOVING CHRISTMAS CARD CURRICULUM LINK: RE Christmas	<b>ASPECT: Structures</b> <b>FOCUS: Freestanding structures</b> DESIGNING A NEW PLAYGROUND CURRICULUM LINK: Geography – our school	<b>ASPECT: Food</b> <b>FOCUS: Preparing fruits &amp; vegetables</b> SMOOTHIES CURRICULUM LINK: Science – Plants
<b>Year 2</b>	<b>ASPECT: Food</b> <b>FOCUS: Preparing fruit and vegetables</b> VEGETABLE PIZZA	<b>ASPECT: Textiles</b> <b>FOCUS: Templates and joining</b> ANIMAL PUPPETS CURRICULUM LINK: Science - habitats	<b>ASPECT: Mechanisms</b> <b>FOCUS: Wheels and Axels</b> RESCUE VEHICLE CURRICULUM LINK: History - Great fire of London
<b>Year 3</b>	<b>ASPECT: Textiles</b> <b>FOCUS: 2D shape to 3D product</b> SUSTAINABLE GIFT BAG CURRICULUM LINK: Sustainability RE & PSHE	<b>ASPECT: Mechanical systems</b> <b>FOCUS: Levers and linkages</b> MOVING EASTER PICTURE CURRICULUM LINK: RE Easter	<b>ASPECT: Food</b> <b>FOCUS: Healthy and varied diet</b> HEALTHY SANDWICH CURRICULUM LINK: PSHE Healthy Me
<b>Year 4</b>	<b>ASPECT: Food</b> <b>FOCUS: Healthy and varied diet</b> CRUSTLESS QUICHE CURRICULUM LINK: PSHE Healthy Me	<b>ASPECT: Electrical Systems</b> <b>FOCUS: Simple circuits and switches</b> MAKING A TORCH AS PART OF A SURVIVAL KIT CURRICULUM LINK: Science – electricity, Geography Volcanoes.	<b>ASPECT: Structures</b> <b>FOCUS: Shell Structures</b> FOOD PACKAGING CURRICULUM LINK: Maths 2D and 3D shapes
<b>Year 5</b>	<b>ASPECT: Structures</b> <b>FOCUS: Frame structures</b> MARKET STALL CURRICULUM LINK:	<b>ASPECT: Food</b> <b>FOCUS: Celebrating culture and seasonality</b> PATATAS BRAVAS OR SPANISH SOUP CURRICULUM LINK: MFL	<b>ASPECT: Mechanical Systems</b> <b>FOCUS: Cams using CAD</b> TOYS CURRICULUM LINK: History Y1
<b>Year 6</b>	<b>ASPECT: Textiles</b> <b>FOCUS: Combining different fabric shapes</b> BAGS WITH FASTENINGS	<b>ASPECT: Electrical Systems</b> <b>FOCUS: More complex switches and circuits</b> SECURITY LIGHT CURRICULUM LINK: Science, electricity	<b>ASPECT: Food</b> <b>FOCUS: Celebrating culture and seasonality</b> VEGETARIAN FAJITAS CURRICULUM LINK: Geography y4 Where does food come from?