



Design & Technology Curriculum Map

	Autumn Term		Spring Term		Summer Term	
Nursery	<p>Introducing Me Introducing Autumn Who am I?</p> <p>Exploring building with construction</p> <p>Junk modelling a nursery 'Boris' the robot</p>	<p>Owls Christmas</p> <p>Develop skills to use scissors effectively</p> <p>Creating owl babies using a variety of natural objects and media</p> <p>Folding card to create own Christmas Card designs</p>	<p>Bears Where can we find a bear?</p> <p>Develop paper/card techniques – folding, cutting, assembling and joining</p> <p>Using these techniques for a purpose</p>	<p>Wild animals / Easter How do we care for animals?</p> <p>Explore how Easter baskets / hats are made prior to designing and making one themselves</p> <p>Creating zoo animals with junk modelling materials</p> <p>Creating a chair to replace baby bear's broken chair</p>	<p>In the ground How do we grow a beanstalk?</p> <p>Creating a beanstalk using junk modelling</p> <p>Recreating daffodils and plants found in nursery</p>	<p>In the air What is in the sky?</p> <p>Create lanyards to become teachers for the 'school' area</p> <p>Designing symmetrical butterflies using cotton buds and other media</p>
Reception	<p>Introducing Me Introducing Autumn Who am I?</p> <p>Using tools e.g. scissors, glue-stick and different materials</p> <p>Building a house for the Three Little Pigs</p>	<p>Christmas How do we celebrate?</p> <p>Using various tools to change the shape/texture of playdough</p>	<p>Being healthy. What can we do to take care of ourselves?</p> <p>Joining using different techniques and materials e.g. sellotape, paper fasteners</p>	<p>Wild Animals What do animals need?</p> <p>Explore different materials and techniques to effect change</p>	<p>Parkland Why are plants important?</p> <p>Exploring book with moving pictures</p> <p>Making own moving picture wheel</p>	<p>Journeys Where shall we go? How can we care for our environment?</p> <p>Investigating floating</p> <p>Design and make a boat</p>

		Develop folding and cutting skills	Using single hole punch/safety stapler Construct a bridge for the Three Billy Goats Gruff	Design and make a winter coat / bed for a pet Design and make an Easter item e.g. basket, hat, etc.		Using construction kits to make a wheeled vehicle Paper folding to make planes, kites, etc.
Year 1	How have toys changed? Making a movable toy: -Toy workshop -Studying toys which move -Investigating different mechanisms -Making own Roly Poly toy -Joining techniques		What makes a healthy snack? Fruit salads: -Describing using senses -Designing own salad -Using tools to prepare food safely		Why is water precious? Pop up design: -Investigating different mechanisms -Planning using pictures and words -Making a product with a pop-up or slider	
Year 2	Where do we belong? Vehicles: -Text – Mrs Armitage on Wheels -Chose materials and tools to make a model -Plan and construct -Evaluate and make improvements, if necessary -Joining skills (choice)	What happened in 1666? Bridges: -Look at different types -Investigate how to make structures stronger / stiffer -Make a bridge to fulfil the design criteria	How do we keep healthy? Smoothies: -Describe the properties of their ingredients -Prepare food safely and hygienically -Understand the need for a variety of food in a diet		What environment do animals like best? Hand crafted textiles (sewing): -Describe feel of different textiles -Measure and cut own textiles -Join textiles using different materials	
Year 3	Control Magnetic games: -Joining a wooden jinx frame -Using magnets -Strengthening corners		Plants Design a home for plants: -Describe the ideal home for plants -Evaluate the needs of a plant	Habitats Birds: -Design and create a nest for birds	Anglo Saxons Anglo-Saxon figures: -Design and create an Anglo Saxon figure	Healthy Eating Food technology: -Planning a range of healthy snacks -Making and evaluating a range of healthy snacks

			-Design and evaluate a home for plants			-Prepare food safely and hygienically
Year 4	Rainforests Food technology: -Create mocktails and fruit kebabs -Mixing flavours -Preparing food including slicing -Prepare food safely and hygienically	Textiles Christmas stockings: -Design a stocking Sew stocking under blanket -Evaluate designing a product	Egyptians Mummifying oranges: -Food preservation techniques -Slicing and hollowing out an orange -Look at ancient techniques and how they need into current techniques for preservation	Control & Electronics -Egyptian diorama to design an Egyptian tomb with an alarm system -Switches and electrical control	Vikings Viking long ships: -Design, build and evaluate a Viking long boat in the ancient style that will also float on water	
Year 5	The Kingdom of Benin Kente cloth: -Look at the history of cloth across Africa -Design a piece of Kente cloth to include significant colours and patterns -Weave a piece of Kente cloth	They see the world like this Electronics: -Design and create a floodlight system -Test different materials for electrical resistance -Decide which materials would be best for a floodlight system and why	Tudors Tudor homes: -Design and build a Tudor home using recycled materials -Wooden framing for the houses using sawing and joining -Making wattle and daub – building strength through weaving and layering		Healthy Eating Food technology: -Planning a range of healthy snacks -Making and evaluating a range of healthy snacks -Healthy eating habits -Prepare food safely and hygienically	Rivers 3D topographical river basin: -Researching the parts of a river basin -Using recycled materials to layer and build up a topographical model of a river basin -Design and evaluate as part of a team
Year 6	Photography Photography study: -Linked to mountains topic	Food from around the world The Holiday Show: -Research into different countries -Designing and following different recipes from around the world -Food tasting and evaluating -Prepare food safely and hygienically	World War 2 Anderson shelters: -Learn about the need for shelters during WW2 -Research different shelters and their properties -Design and build an Anderson structure to withstand bomb attacks	Textiles Sewing: -Rug design and making -Button sewing	Ancient Greece 3D Greek Temples: -Research and design Greek temples with typical features, e.g. columns	

