

Curriculum Overview 2023-24 Design and Technology

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Caterpillars	Experience and explore through play, natural and man-made materials. Explore playdough and other malleable materials with hands and experiment with push pull. Experiment with baking activities. Play with large construction toys, large crates and blocks both indoors and outdoors. have experience of toys that open, move or make noises. Make crafts and decorations.					
Nursery	Me And My Family/Night And Day Explore large construction with open ended resources. Experiment with joining techniques. Experiment and create cards and crafts with different materials. Explore clay and malleable materials. Introduce tools and techniques. Baking.		Traditional Tales/Favourite Stories Develop construction methods and ideas indoors and outdoors (large blocks, crates etc) Develop Junk modelling skills in line with the children's interests using a variety of textures materials and media. Baking (healthy ingredients focus).		In The Garden/Moving To Big School Independent construction in continuous provision enhanced by choice of materials provided by the children and their families. Baking (exploring where the food comes from including the nursery garden) Begin to explore design and make activities.	
Reception	Who Am I? Exploring construction resources large and small (continuous provision) Baking (linked to Harvest) and Crafts.	How Are We Different? Crafts using different methods (paper sculptures, clay models etc) Crafts following children's interests	Who Are The Superheroes? Explore independently; Junk modelling, cutting and joining skills, hinges and flaps to join. Developing collage materials and textures.	What Is That Creature I Can See? Develop model making and construction techniques (methods) Baking with healthy foods	Who Are We Visiting In Storyland? Explore junk modelling skills and construction techniques, considering joining skills and methods.	What Happens Next? Design and make dens with a locality focus, indoors and outdoors. Weaving skills. Baking with healthy foods and snack preparation using tools.
Year 1	Space Design and make a fruit rocket. Design and make a free standing structure to get to space using recycled materials. Test and evaluate product to determine its' functionality. Christmas cards and decorations.		Hot and Cold Design and make a superhero cape and evaluate. Design an appealing product and discuss how to improve it. Test and evaluate product to determine its' functionality.		Oh I Do Like To Be Beside The Seaside Design and make sock puppets - develop joining techniques (gluing, stapling etc) Test and evaluate product to determine its' functionality.	

Year 2**Mammoth to Minuscule**

Design and make a Christmas stocking using a template designed individually.
Develop technical skills (sewing, applique)
Test and evaluate product to determine its' functionality. Give peer feedback to a friend.

Sparks

Design and make a card with moving parts, using different folding, cutting and template methods.
Prototypes Mechanisms, rotating wheels, sliders, pop ups, flaps, levers, pivots.
Test and evaluate product to determine its' functionality. Give peer feedback to a friend.

Brilliantly British

Design and make a car to transport an object. Test and evaluate product to determine its' functionality. Give peer feedback to a friend.