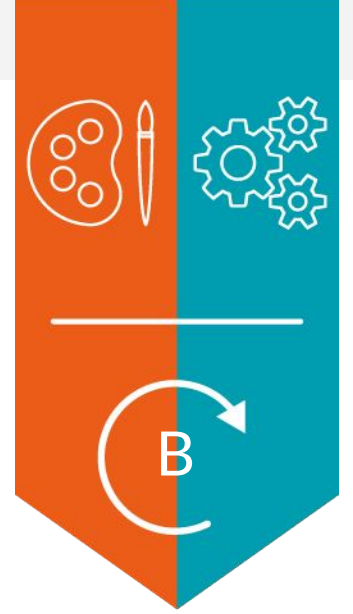


Curriculum overview for parents and carers

Art and design and Design and technology

A summary of key learning for Reception to Year 5/6.



	EYFS (Reception)
Autumn term	Structures: Junk modelling Learning about various types of permanent and temporary joins, the children explore a combination of materials and joining techniques in the junk modelling area.
	Drawing: Marvellous marks Exploring mark making and using the language of texture, the children use wax crayons to make rubbings and chalk on different surfaces. They also use felt tips to explore colour and pencils to create observational drawings of their faces.
Spring term	Textiles: Bookmarks Examining the history of the bookmark, the children apply their knowledge and skills to design and sew their own bookmarks. They also practise threading and weaving techniques using various materials and objects.
	Painting and mixed media: Paint my world Creating child-led paintings using fingers and natural items as tools, children learn that colours can be mixed and that paintings can be abstract or figurative. They also make collages and explore different techniques for using paint when creating splatter pictures.
Summer term	Structures: Boats Considering what is meant by 'waterproof', 'floating' and 'sinking', the children experiment and make predictions with various materials to carry out a series of tests. They also learn about the different features of boats and ships before investigating their shape and structures to build their own.
	Sculpture and 3D: Creation station Manipulating playdough and clay to make animal sculptures and their own creations, the children begin to use language associated with forces: push, pull and twist. They also create natural landscape pictures using items found outdoors.



Year 1/2 Cycle B	
Autumn term	Painting and mixed-media: Learning about paint and brush control Investigating colour and painting techniques through exploring the bright, clean use of colour in the work of Alma Thomas. Pupils develop control and confidence with paint, experiment with careful application techniques and learn how looking after materials affects the quality and vibrancy of their artwork.
	Mechanisms: Levers Investigating different types of levers and how they work in everyday mechanisms. Pupils identify pivots and levers in products before creating their own lever systems and exploring how they make tasks easier.
Spring term	Painting and mixed media: Colour mixing Exploring colour theory by mixing primary colours to create secondary colours and building confidence when using paint. Pupils investigate the expressive use of colour in the work of Gillian Ayres and Frank Bowling before experimenting with different painting techniques to create a final piece in two stages.
	Cooking and nutrition: Balanced diet Developing an understanding of what makes a balanced diet through exploring food groups and tasting different ingredient combinations. Pupils use their findings to design and make a healthy wrap containing a balance of protein, vegetables and dairy ingredients.
Summer term	Sculpture and 3D: Clay houses Developing their ability to work with clay, pupils learn how to create simple thumb pots and explore the work of sculptor Rachel Whiteread. Pupils apply her ideas in a final piece that uses techniques that include cutting, shaping, joining and impressing into clay.
	Structures: A chair for a bear Investigating strong shapes and the properties of stiff and flexible materials by designing a chair inspired by the story 'There's a Bear on My Chair'. Pupils apply their understanding to build a suitable chair for the bear using appropriate materials and construction techniques.

Year 3/4 Cycle B	
Autumn term	Sculpture and 3D: Abstract shape and space Examining how shapes and negative spaces can be represented by three dimensional forms. Manipulating a range of materials, pupils learn ways to join and create free-standing structures inspired by the work of Anthony Caro and Ruth Asawa.
	Cooking and nutrition: Adapting a recipe Adapting a simple biscuit recipe for a chosen target audience. Pupils work collaboratively to select suitable ingredients, manage a budget for overheads and ingredients, and create a biscuit that meets specific design criteria.
Spring term	Painting and mixed media: Light and dark Investigating the use of tone in art through studying how artists use highlights, midtones and shadows to create the illusion of form. Pupils practise colour mixing by creating tints and shades, consider how light affects mood and appearance and explore elements of compositions to produce a painted still life.
	Mechanical systems: Mechanical cars Exploring mechanical systems by building and testing prototype cars to identify effective design features. Pupils conduct market research, create design criteria and evaluate products from a customer perspective before designing their own mechanical car kit.
Summer term	Craft and design: Fabric of nature Using the flora and fauna of tropical rainforests as a starting point, pupils develop drawings through experimentation and textile-based techniques to design a repeating pattern suitable for fabric.
	Electrical systems: Exploring electrical products Investigating electrical components and circuits and how they are used in everyday products to improve safety and convenience. Pupils build simple circuits with switches before designing their own electrical product using a cross-sectional diagram.

Year 5/6 Cycle B	
Autumn term	Sculpture and 3D: Interactive installation Inspired by historical monuments and modern installations, pupils plan by researching and drawing a sculpture to fit a design brief. They investigate scale, the display environment and possibilities for viewer interaction with their piece.
	Textiles: Bags Creating a bag for a specific user using pattern piece templates. Pupils select and sew functional and decorative features, including pockets and fastenings, to meet the needs of their design brief.
Spring term	Painting and mixed media: Expressive portraits Examining self-portraits by a range of artists to understand how colour, composition, materials and expression can communicate identity, personality and emotion. Pupils use photographs of themselves as inspiration to create mixed-media self-portraits, making thoughtful artistic choices and adapting techniques to produce a final piece with personal meaning.
	Cooking and nutrition: Come dine with me Developing food preparation and evaluation skills by researching and preparing a three-course meal. Pupils investigate the journey of a main ingredient from 'farm to fork', taste-test and score their dishes, and write a recipe for a favourite meal.
Summer term	Sculpture and 3D: Making memories Reflecting on primary school memories through sculpture and assemblage using found objects and hand-sculpted forms. Pupils select meaningful objects and materials before designing and creating a personal memory box with symbolic and personal significance.
	Digital world: Navigating the world Programming a navigation tool to produce a multifunctional device for trekkers. Pupils combine 3D virtual objects to form a complete product concept using 3D computer-aided design modelling software.