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| DESIGN & TECHNOLOGY OVERVIEW |
|  | Autumn 1 | Autumn 2 | Spring 1 | Spring 2 | Summer 1 | Summer 2 |
| Year 1 | **Mix it***This project teaches children about basic colour theory by studying the colour wheel and colour mixing. It includes an exploration of primary and secondary colours and how artists use colour in their artwork.***Funny faces and fabulous features***This project teaches children about the concept of the portrait and how the collage technique can be used to make a portrait.* | **Rain & Sunrays***This project teaches children about collagraph printing, including how to develop a motif to make single and repeated prints.* | **Chop, slice & mash***This project teaches children about sources of food and the preparatory skills of peeling, tearing, slicing, chopping, mashing and grating. They use this knowledge and techniques to design and make a supermarket sandwich according to specific design criteria.* |
| Year 2 | **Mix it***This project teaches children about basic colour theory by studying the colour wheel and colour mixing. It includes an exploration of primary and secondary colours and how artists use colour in their artwork.***Still life***This project teaches children about the work of significant still life artists and still life techniques. They explore a wide variety of still lifes and learn about the use of colour and composition. They create still life arrangements and artwork.* | **Flower Head***This project teaches children about the visual elements of flowers, including shape, texture, colour, pattern and form. They also explore various artistic methods, including drawing, printmaking and 3-D forms, using paper and clay.* | **Cut, stitch & join** *This project teaches children about fabric home products and the significant British brand Cath Kidston. They learn about sewing patterns and using a running stitch and embellishments before making a sewn bag tag.* | **Push & pull***This project teaches children about three types of mechanism: sliders, levers and linkages. They make models of each mechanism before designing and making a greetings card with a moving part.* |
| Year 3 | **Contrast & Complement***This project teaches children about colour theory by studying the colour wheel and colour mixing. It includes an exploration of tertiary colours, warm and cool colours, complementary colours and analogous colours, and how artists use colour in their artwork.***Prehistoric Pots***This project teaches children about Bell Beaker pottery. It allows the children to explore different clay techniques, which they use to make and decorate a Bell Beaker-style pot.* | **Ammonite***This project teaches children about artistic techniques used in sketching, printmaking and sculpture.***People & Places***This project teaches children about the genre of figure drawing. They study the figure drawings and urban landscapes of the artist LS Lowry and create artwork in his style to show scenes from their school.* | **Greenhouse***This project teaches children about the purpose, structure and design features of greenhouses, and compares the work of two significant greenhouse designers. They learn techniques to strengthen structures and use tools safely. They use their learning to design and construct a mini greenhouse.* |
| Year 4 | **Contrast & Complement***This project teaches children about colour theory by studying the colour wheel and colour mixing. It includes an exploration of tertiary colours, warm and cool colours, complementary colours and analogous colours, and how artists use colour in their artwork.***Warp & Weft***This project teaches children about the artform of weaving and how it has developed over time, including the materials and techniques required to create woven patterns and products.* | **Vista***This project teaches children about the techniques that artists use when composing landscape images, such as colour and atmosphere.***Animals***This project teaches children about the historical and cultural portrayal of animals in art. They study the visual qualities of animals through sketching, printmaking and clay modelling.* | **Tomb builders***This project teaches children about simple machines, including wheels, axles, inclined planes, pulleys and levers, exploring how they helped ancient builders to lift and move heavy loads.* |
| Year 5 | **Tints Tones & Shades***This project teaches children about colour theory by studying the colour wheel and exploring mixing tints, shades and tones. They learn about significant landscape artworks and features of landscapes before using this knowledge to create landscape paintings.***Taotie***This project teaches children about the significance and art of the taotie motif, including ancient and contemporary casting methods .* | **Line, light & Shadows***This project teaches children about the visual qualities of line, light and shadow. They explore the work of Pablo Picasso and Rembrandt and are introduced to a range of shading techniques. They take black and white photographs and use pencil, pen and ink wash to reimagine their photographs in a shaded drawing.***Nature’s Art***This project teaches children about the genre of land art. They work outdoors to sketch natural forms and explore the sculptural potential of natural materials before working collaboratively to create land art installations.* | **Architecture***This project teaches children about how architectural style and technology has developed over time and then use this knowledge to design a building with specific features.* |
| Year 6 | **Food for life** *This project teaches children about processed food and healthy food choices. They make bread and pasta sauces and learn about the benefits of whole foods. They plan and make meals as part of a healthy daily menu, and evaluate their completed products.* | **Engineer***This project teaches children about remarkable engineers and significant bridges, learning to identify features, such as beams, arches and trusses. They complete a bridge-building engineering challenge to create a bridge prototype.*  | **Make do and mend***This project teaches children a range of simple sewing stitches, including ways of recycling and repurposing old clothes and materials.* |