



Design and Technology Curriculum Mapping – Cycle A

| D & T | Year 1/2 | Year 3/4 | Year 5/6 |
|---------------|---|---|--|
| Autumn | <p style="text-align: center;"><u>Remarkable Recipes</u></p> <p>Sources of food Kitchen tools Reading recipes Hygiene rules Making a school meal</p> | <p style="text-align: center;"><u>Fresh Food, Good Food</u></p> <p>Designing and making a healthy packaged snack Food preservation techniques Exploring food packaging Prototypes Designing, making and packaging healthy snacks</p> | <p style="text-align: center;"><u>Moving Mechanisms</u></p> <p>Pneumatic systems Joining and finishing Iterative design process Building pneumatic machine prototypes</p> |
| Spring | <p style="text-align: center;"><u>Beach Hut</u></p> <p>Structures – strengthening and joining</p> | <p style="text-align: center;"><u>Functional and Fancy Fabrics</u></p> <p>Fabrics Design features Significant designer – William Morris Stitching a hem Embellishment Designing and making patterned and embellished fabrics</p> | <p style="text-align: center;"><u>Eat the Seasons</u></p> <p>Cooking Nutrition</p> |
| Summer | <p style="text-align: center;"><u>Cut, Stitch and Join</u></p> <p>Designing and making a bag tag Everyday fabric products Significant designer – Cath Kidston Sewing patterns Running stitch Adding embellishments Designing and making a bag tag</p> <p style="text-align: center;"><u>Push and Pull</u></p> <p>Designing and making a moving greetings card Machines and mechanisms Sliders, levers and linkages Designing and making greetings cards with moving parts</p> | <p style="text-align: center;"><u>Tomb Builders</u></p> <p>Designing simple machines Simple and compound machines</p> | <p style="text-align: center;"><u>Architecture</u></p> <p>Architecture over time Greek architecture Structural support, stiffness and stability Computer-aided design Building design</p> |



Design and Technology Curriculum Mapping – Cycle B

| D & T | Year 1/2 | Year 3/4 | Year 5/6 |
|---------------|---|---|---|
| Autumn | <p style="text-align: center;"><u>Shade and Shelter</u></p> <p style="text-align: center;">Designing and building a play den Investigating existing products Designing and making shelters and dens Prototypes Safety rules Materials</p> <p style="text-align: center;"><u>Funny Faces and Fabulous Features</u></p> <p style="text-align: center;">Stitching to join materials Embellishing</p> | <p style="text-align: center;"><u>Cook Well, Eat Well</u></p> <p style="text-align: center;">Food groups Eat Well guide Methods of cooking Cooking appliances Hygiene rules Making taco fillings</p> | <p style="text-align: center;"><u>Food for Life</u></p> <p style="text-align: center;">Whole foods Processed foods Making healthy meals Hygiene and safety</p> |
| Spring | <p style="text-align: center;"><u>Taxi</u></p> <p style="text-align: center;">Making a London taxi Mechanisms – wheels, axles and chassis</p> | <p style="text-align: center;"><u>Making it Move</u></p> <p style="text-align: center;">Designing and making an automaton toy Cam mechanisms Designing and making automaton toys Cutting, joining, strengthening and finishing</p> | <p style="text-align: center;"><u>Engineer</u></p> <p style="text-align: center;">Significant engineers and bridges Features of bridges Strengthening techniques Iterative design Building prototypes</p> |
| Summer | <p style="text-align: center;"><u>Chop, Slice and Mash</u></p> <p style="text-align: center;">Sources of food Food preparation techniques Hygiene rules Designing and making salads and sandwiches</p> | <p style="text-align: center;"><u>Greenhouse</u></p> <p style="text-align: center;">Planning and making a mini greenhouse Features of greenhouses Significant designers – Sir Joseph Paxton and Sir Nicholas Grimshaw Strengthening techniques Using tools and safety rules Properties of materials Constructing strong frameworks</p> | <p style="text-align: center;"><u>Make Do and Mend</u></p> <p style="text-align: center;">Investigating clothing Sewing – running stitch, whip stitch and blanket stitch Repairing clothes Making products from recycled materials</p> |