

DESIGN TECHNOLOGY						
Year 3	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Wider Curriculum Project	N/A Predator!	Through the Ages KRP N/A	Rocks, Relics and Rumbles N/A	Flow Design Technology <ul style="list-style-type: none"> Renewable energies – how they work. Design and building a bridge Curriculum Coverage: Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.	Scrumdiddlyumptious! Design Technology <ul style="list-style-type: none"> Taste Testing Sorting & grouping food types Celebration food Packaging design Baking healthy sweet treats. Making Smoothies Curriculum Coverage: Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design.	Emperors and Empires KRP Cooking Together: Making Greek Salad Curriculum Coverage: Understand and apply the principles of a healthy and varied diet. Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.
Year 4	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Wider Curriculum Project	Potions Design Technology <ul style="list-style-type: none"> Making Baths Bombs Investigating Gases Making Love hearts Frozen delights Curriculum Coverage: Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design. Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups. Select from and use a wider range of tools and equipment to perform practical tasks (for example, cutting, shaping, joining and finishing), accurately. Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. Investigate and analyse a range of existing products. Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.	I am Warrior! Design Technology <ul style="list-style-type: none"> Designing and making shields Making staple food for a poor Roman family. Roman origins for modern day appliances & objects. Curriculum Coverage: Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.	Misty Mountain Winding River KRP Design Technology <ul style="list-style-type: none"> Evaluating Mountain models created in art & Design 	Traders & Raiders: Driver: History Design Technology <ul style="list-style-type: none"> Making Saxon Weaponry Making Anglo Saxon Charms Making Anglo Saxon Homes Carving Viking Lettering Curriculum Coverage: Apply their understanding of how to strengthen, stiffen and reinforce more complex structures.	1066 Design Technology <ul style="list-style-type: none"> Designing Drawbridges Helmet Designs Creating a dooms day book Creating and evaluating Castles. Curriculum Coverage: Understand and use mechanical systems in their products (for example, gears, pulleys, cams, levers and linkages).	Burbs, Bottoms and Bile Design Technology <ul style="list-style-type: none"> Healthy Snacks Tooth Friendly alternatives Modelling the digestive system Making a wearable digestive system Making healthy Snack pots. Cooking Together: Vegetable Soup. Curriculum Coverage: Understand and apply the principles of a healthy and varied diet. Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques. Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed.
Year 5	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Wider Curriculum Project	Beast Creator Design Technology <ul style="list-style-type: none"> Designs and creating a 3D model of a fantasy beast. Curriculum Coverage: Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities.	Peasants, Princes and Pestilence Design Technology <ul style="list-style-type: none"> Making an ancient learning journal Medieval banquet Printing Curriculum Coverage: Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.	N/A Time Traveller	Sow, Grow and Farm KRP Design Technology <ul style="list-style-type: none"> Planning and growing seasonal food in school allotment. Making seasonal food dishes from allotment Curriculum Coverage: Understand and apply the principles of a healthy and varied diet Understand seasonality, and know where and how a variety of ingredients are grown, reared, caught and processed	Stargazers Design Technology <ul style="list-style-type: none"> Designing and making a satellite Making a moonscape using textiles Evaluating rockets Curriculum Coverage: Investigate and analyse a range of existing products. Evaluate their ideas and products against their own design criteria and consider the views of others to improve their work.	Pharaohs Design Technology <ul style="list-style-type: none"> Building pyramids Cooking Together: Pizzas
Year 6	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Wider Curriculum Project	A Child's War Design Technology <ul style="list-style-type: none"> Making popular war time food Designing and making Anderson shelters Making simple toys using scraps. Curriculum Coverage: Select from and use a wider range of materials and components, including construction materials, textiles and ingredients, according to their functional properties and aesthetic qualities. Apply their understanding of how to strengthen, stiffen and reinforce more complex structures. Prepare and cook a variety of predominantly savoury dishes using a range of cooking techniques.	Blood Heart Design Technology <ul style="list-style-type: none"> Homemade stethoscopes Designing a healthy heart meal. Creating a model heart Curriculum Coverage: Generate, develop, model and communicate their ideas through discussion, annotated sketches, cross-sectional and exploded diagrams, prototypes, pattern pieces and computer-aided design. Use research and develop design criteria to inform the design of innovative, functional, appealing products that are fit for purpose, aimed at particular individuals or groups.	Revolution Design Technology <ul style="list-style-type: none"> Designing and making a Victorian slum. 	Gallery Rebels – William Blake Design Technology <ul style="list-style-type: none"> Creating a sketchbook Investigating sculpture Spin painting Curriculum Coverage: Understand and use mechanical systems in their products (for example, gears, pulleys, cams, levers and linkages).	Hola Mexico Design Technology <ul style="list-style-type: none"> Making a Mexican fruit drink Savoury Mexican dishes Drinking chocolate Make an instrument out of junk materials Making Mexican ice pops Curriculum Coverage: Understand and apply the principles of a healthy and varied diet.	Darwin's Delights Cooking Together: Wraps