

St Martin's School

Curriculum Maps 2021/2022



Key Stage Three

Art and Technology
Curriculum Plans

St Martin's School

Curriculum Maps 2021/2022



Year 7

Art and Technology
Curriculum Plans

Design & Technology - Annual Curriculum

		Food	Graphics	RM	Textiles	Innovation
Year 7	General Health & safety in the workshop/kitchen	<u>Breakfast Project</u> <ul style="list-style-type: none"> • Safety of foods • Enzymic browning • Healthy breakfasts • Food Provenance • Vitamins and Minerals <u>Practical Dishes</u> <ul style="list-style-type: none"> • Cooker License - Hob • Sandwich • Fruit Fusion • Dippy Divers • Apple crumble • Potato wedges • Frittata 	<u>Chocolate box Project</u> <ul style="list-style-type: none"> • Product analysis • Specification • Design Ideas • 2D and 3D drawing • Making card nets • Wood & plastics • Scroll saw, pillar drill • Vacuum forming • Working to tolerance. 	<u>Visibadge Project</u> <ul style="list-style-type: none"> • Basic Electronics • Energy storage • Plastics • Soldering • Strip heating • Production Diary • Working to tolerance. 	<u>Monsters Project</u> <ul style="list-style-type: none"> • Natural Fibres • Product Analysis • Safe use equipment • Design ideas • Hand sewing skills • Working to tolerance. 	<u>Innovation Projects</u> <ul style="list-style-type: none"> • Climate change • Impacts of climate change • Plastic waste • Impacts of waste • Product Lifecycle • Producing a product from waste • Designing with the environment in mind • Prototyping/modelling
		<p>All students in KS3 study DT via a carousel with 5 subject areas that rotate approximately every 14 lessons throughout the school year.</p> <p>All projects combine practical skills and theoretical knowledge. Each project has an assessed practical piece and a theory test.</p>				

Art - Annual Curriculum

		Still Life	Portraits	Creative Cakes	Insects
Year 7 - Art		<u>Concertina work</u> <ul style="list-style-type: none"> • Understanding tone and colour theory • Brush control • Composition and page layout • Researching and taking inspiration from Artists <u>Final Piece</u> <ul style="list-style-type: none"> • Design inspired by Artist • Watercolour, colour pencil and fine-liner <u>Homework</u> <ul style="list-style-type: none"> • Hot and Cold colours • Artist transcription 	<u>Concertina work</u> <ul style="list-style-type: none"> • Facial features • Face proportions • Adding tone • Researching and taking inspiration from Artists • Art History and analysis <u>Final Piece</u> <ul style="list-style-type: none"> • Abstract design using poster paint and pen outlines • Brush control, colour theory, colour blending <u>Homework</u> <ul style="list-style-type: none"> • Half portrait drawing • Artist research. 	<u>Concertina work</u> <ul style="list-style-type: none"> • Line drawing and adding tone • Viewfinder of food packaging using colour pencil • Lollipop using watercolour and fine-liner pen • Final piece designs <u>Final Piece</u> <ul style="list-style-type: none"> • Cardboard relief construction • Poster paint to complete <u>Homework</u> <ul style="list-style-type: none"> • Extended project 3-D food sculpture 	<u>Concertina work</u> <ul style="list-style-type: none"> • Collage images • Insect drawings using colour pencil and biro pen • Mark making and tone • Leaf printing • Final piece design <u>Final Piece</u> <ul style="list-style-type: none"> • Watercolour paint on fabric • Blending and watercolour wash techniques • Embellish design <u>Homework</u> <ul style="list-style-type: none"> • Artist transcription • Collecting leaves and images
		<p>All Students in KS3 complete 4 projects a year, working in concertina sketchbooks. Each year covers a range of different mediums, techniques and skills, artists and cultures. Building on techniques and skills each time they are covered in a different theme.</p>			

St Martin's School

Curriculum Maps 2021/2022



Year 8

Art and Technology
Curriculum Plans

Design & Technology - Annual Curriculum

		Food	Graphics	RM	Textiles	Innovation
Year 8	General Health & safety in the workshop/kitchen	Portable Lunch Project <ul style="list-style-type: none"> Carbohydrates & Sugars Sugar and alternatives Gelatinisation Culture, lifestyle, cost Fast Food - health Food Provenance-rice Practical Dishes Vegetable Couscous Baked Jollof Belgian Chocolate Cakes Quick Pizza Macaroni and Cheese Baked Fish Goujons Jam Jar Lunch 	Model House Project <ul style="list-style-type: none"> Paper and board types Design planning Modelling skills Use of Scale Drawing and Making nets Surface decoration Craft knife skills Working to tolerance 	Phone Holder Project <ul style="list-style-type: none"> Designing for a user Woods 2D and 3D drawing Design development Working with woods Scroll saw, pillar drill Hand tools Wood finishes Working to tolerance 	Pyjama Shorts Project <ul style="list-style-type: none"> Synthetic fibres Product Analysis Using patterns Seam allowance Working to tolerance Safe use of sewing machines 	Innovation Project <ul style="list-style-type: none"> Analysing a context Researching a context Designing for users Specification Final design Prototyping/modelling Smart Materials Environmental issues Inclusive design
		<p>All students in KS3 study DT via a carousel with 5 subject areas that rotate approximately every 14 lessons throughout the school year. All projects combine practical skills and theoretical knowledge. Each project has an assessed practical piece and a theory test.</p>				

Art - Annual Curriculum

		Under the Microscope	African Masks	Gaudi	Giacometti
Year 8 - Art		Concertina work <ul style="list-style-type: none"> Collage of cells – layering, overlapping and composition Line drawing, adding details, texture and mark making Experimenting with fine liner, colour pencil blending and tone Final Piece <ul style="list-style-type: none"> Two final cell designs using fine-liner pen and colour pencil blending Homework <ul style="list-style-type: none"> Tone and fine-liner cell Colour pencil cell 	Concertina work <ul style="list-style-type: none"> Title page using colour pencil and fine-liner pen Tonal drawing of African masks and identification of culture and traditions Pattern design Final piece <ul style="list-style-type: none"> Poly-block pattern printing African mask design using watercolour wash and blending techniques Homework <ul style="list-style-type: none"> Extended research on African culture and traditions Final Piece design 	Concertina work <ul style="list-style-type: none"> Artist transcription using mixed media - collage, watercolour wash and colour pencil blending Introduction to clay and key techniques Final piece <ul style="list-style-type: none"> Artist inspired final piece Clay/ polymer clay Textile mosaic Homework <ul style="list-style-type: none"> Artist research Architectural sculpture design inspired by artist 	Concertina work <ul style="list-style-type: none"> Art History and analysis Artist inspired designs Artist inspired drawing using chalk and charcoal Continuous line drawings and adding tone Final Piece <ul style="list-style-type: none"> 3-D sculpture using wire, masking tape and mod rock Poster paint to complete Homework <ul style="list-style-type: none"> Collect materials for prop of the sculpture Artist research
		<p>All Students in KS3 complete 4 projects a year, working in concertina sketchbooks. Each year covers a range of different mediums, techniques and skills, artists and cultures. Building on techniques and skills each time they are covered in a different theme.</p>			

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Curriculum Maps 2021/2022



Year 9

Art and Technology
Curriculum Plans

Design & Technology - Annual Curriculum

		Food	Graphics	RM	Textiles	Innovation
Year 9	Recap Health & safety in the workshop/kitchen	Street Food Project <ul style="list-style-type: none"> • Proteins & alternatives • Safe preparation • Micro organisms • Gluten Formation, • Egg Cookery • Ethical, animal welfare, environment, health. • Impact of food production – eggs • World Food Practical Dishes <ul style="list-style-type: none"> • Sausage Rolls • Quesadilla • Spring rolls • Baxter's Noodle Soup • Art Focaccia Bread • Street Foods (wrap it up) • Cup Cakes 	File Box Project <ul style="list-style-type: none"> • Design Eras • Specification • Design Ideas • Corrugated card • Drawing and making nets • 2D and 3D drawing • Vinyl cutting • Lithographic printing • Die cutting • CAD/CAM – 2D design 	Candle Holder Project <ul style="list-style-type: none"> • Designing for a user • Metals • 2D and 3D drawing • Design modelling • Working with metals & wood • Hand tools • Pillar drill, disc sander, scroll saw • Metal finishes • Working to tolerance 	E Key Ring Project <ul style="list-style-type: none"> • E Textiles • Conductive thread • Electronics • Design ideas • Design modelling • Hand sewing • Making patterns • Advances in modern technology materials 	Computer Aided Design Software <ul style="list-style-type: none"> • 2D design • Tinker CAD • Microbit programming • Computer generated 2D and 3D drawing
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Art - Annual Curriculum

		One-Point Perspective	Portraits	Food	Jasper Johns
Year 9 - Art		Concertina work <ul style="list-style-type: none"> • One-Point perspective shapes adding tone • One-Point perspective words using colour blending • Artist transcription • Collage of architecture - composition and scale Final Piece <ul style="list-style-type: none"> • Worms eye view using pen and ink Homework <ul style="list-style-type: none"> • One-Point perspective tutorial • Artist research 	Concertina work <ul style="list-style-type: none"> • Typography title page • Artist inspired watercolour portrait • Artist analysis and research • Portrait collage – overlapping and layering Final piece <ul style="list-style-type: none"> • Grid method portrait, drawing from collage. • Tone, colour pencil, fine-liner Homework <ul style="list-style-type: none"> • Artist transcription • Facial feature tutorials 	Concertina work <ul style="list-style-type: none"> • Food wrapper drawings using tonal pencil • Artist transcription using mixed media • Mono-print study of food Final piece <ul style="list-style-type: none"> • Logos and food labels • Composition and layering design Homework <ul style="list-style-type: none"> • Artist research • Coca Cola can tutorial 	Concertina work <ul style="list-style-type: none"> • Abstract hand design using tonal pencil, patterns, texture and mark making • Art history and analysis • Development of final piece designs Final Piece <ul style="list-style-type: none"> • Artist inspired abstract design using oil pastels • Colour theory Homework <ul style="list-style-type: none"> • Artist research • Complete unfinished work
		<p>All Students in KS3 complete 4 projects a year, working in concertina sketchbooks. Each year covers a range of different mediums, techniques and skills, artists and cultures. Building on techniques and skills each time they are covered in a different theme.</p>			