

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> • Safety of foods • Enzymic browning • Healthy breakfasts • Food Provenance • Vitamins and Minerals <u>Practical Dishes</u> • Cooker License - Hob • Sandwich • Fruit Fusion • Dippy Divers • Apple crumble • Potato wedges • Frittata	<u>Chocolate box Project</u> • 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> • Basic Electronics • Energy storage • Plastics • Soldering • Strip heating • Production Diary • Working to tolerance.	<u>Monsters Project</u> • Natural Fibres • Product Analysis • Safe use equipment • Design ideas • Hand sewing skills • Working to tolerance.	<u>Innovation Projects</u> • 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
		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.				

Art - Annual Curriculum

		Still Life	Portraits	Creative Cakes	Insects
Year 7 - Art		<u>Concertina work</u> • Understanding tone and colour theory • Brush control • Composition and page layout • Researching and taking inspiration from Artists <u>Final Piece</u> • Design inspired by Artist • Watercolour, colour pencil and fine-liner <u>Homework</u> • Hot and Cold colours • Artist transcription	<u>Concertina work</u> • Facial features • Face proportions • Adding tone • Researching and taking inspiration from Artists • Art History and analysis <u>Final Piece</u> • Abstract design using poster paint and pen outlines • Brush control, colour theory, colour blending <u>Homework</u> • Half portrait drawing • Artist research.	<u>Concertina work</u> • 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> • Cardboard relief construction • Poster paint to complete <u>Homework</u> • Extended project 3-D food sculpture	<u>Concertina work</u> • Collage images • Insect drawings using colour pencil and biro pen • Mark making and tone • Leaf printing • Final piece design <u>Final Piece</u> • Watercolour paint on fabric • Blending and watercolour wash techniques • Embellish design <u>Homework</u> • Artist transcription • Collecting leaves and images
		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.			

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 - 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 - 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 - 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 - Synthetic fibres - Product Analysis - Using patterns - Seam allowance - Working to tolerance - Safe use of sewing machines	Innovation Project - Analysing a context - Researching a context - Designing for users - Specification - Final design - Prototyping/modelling - Smart Materials - Environmental issues - Inclusive design

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All projects combine practical skills and theoretical knowledge. Each project has an assessed practical piece and a theory test.

Art - Annual Curriculum

		Under the Microscope	African Masks	Gaudi	Giacometti
Year 8 - Art		Concertina work - 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 - Two final cell designs using fine-liner pen and colour pencil blending Homework - Tone and fine-liner cell - Colour pencil cell	Concertina work - Title page using colour pencil and fine-liner pen - Tonal drawing of African masks and identification of culture and traditions - Pattern design Final piece - Poly-block pattern printing - African mask design using watercolour wash and blending techniques Homework - Extended research on African culture and traditions - Final Piece design	Concertina work - Artist transcription using mixed media - collage, watercolour wash and colour pencil blending - Introduction to clay and key techniques Final piece - Artist inspired final piece - Clay/ polymer clay - Textile mosaic Homework - Artist research - Architectural sculpture design inspired by artist	Concertina work - Art History and analysis - Artist inspired designs - Artist inspired drawing using chalk and charcoal - Continuous line drawings and adding tone Final Piece 3-D sculpture using wire, masking tape and mod rock - Poster paint to complete Homework - Collect materials for prop of the sculpture - Artist research

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.

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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	<u>Street Food Project</u> • Proteins & alternatives • Safe preparation • Micro organisms • Gluten Formation, • Egg Cookery • Ethical, animal welfare, environment, health. • Impact of food production – eggs • World Food <u>Practical Dishes</u> • Sausage Rolls • Quesadilla • Spring rolls • Baxter's Noodle Soup • Art Focaccia Bread • Street Foods (wrap it up) • Cup Cakes	<u>File Box Project</u> • 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	<u>Candle Holder Project</u> • 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	<u>E Key Ring Project</u> • E Textiles • Conductive thread • Electronics • Design ideas • Design modelling • Hand sewing • Making patterns • Advances in modern technology materials	<u>Computer Aided Design Software</u> • 2D design • Tinker CAD • Microbit programming • Computer generated 2D and 3D drawing
		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.				

Art - Annual Curriculum

		One-Point Perspective	Portraits	Food	Jasper Johns
Year 9 - Art		Concertina work • One-Point perspective shapes adding tone • One-Point perspective words using colour blending • Artist transcription • Collage of architecture - composition and scale Final Piece • Worms eye view using pen and ink Homework • One-Point perspective tutorial • Artist research	Concertina work • Typography title page • Artist inspired watercolour portrait • Artist analysis and research • Portrait collage – overlapping and layering Final piece • Grid method portrait, drawing from collage. • Tone, colour pencil, fine-liner Homework • Artist transcription • Facial feature tutorials	Concertina work • Food wrapper drawings using tonal pencil • Artist transcription using mixed media • Mono-print study of food Final piece • Logos and food labels • Composition and layering design Homework • Artist research • Coca Cola can tutorial	Concertina work • Abstract hand design using tonal pencil, patterns, texture and mark making • Art history and analysis • Development of final piece designs Final Piece • Artist inspired abstract design using oil pastels • Colour theory Homework • Artist research • Complete unfinished work
		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.			