

# 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	<b>Breakfast Project</b> <ul style="list-style-type: none"> <li>• Safety of foods</li> <li>• Enzymic browning</li> <li>• Healthy breakfasts</li> <li>• Food Provenance</li> <li>• Vitamins and Minerals</li> </ul> <b>Practical Dishes</b> <ul style="list-style-type: none"> <li>• Cooker License - Hob</li> <li>• Sandwich</li> <li>• Fruit Fusion</li> <li>• Dippy Divers</li> <li>• Apple crumble</li> <li>• Potato wedges</li> <li>• Frittata</li> </ul>	<b>Chocolate box Project</b> <ul style="list-style-type: none"> <li>• Product analysis</li> <li>• Specification</li> <li>• Design Ideas</li> <li>• 2D and 3D drawing</li> <li>• Making card nets</li> <li>• Wood &amp; plastics</li> <li>• Scroll saw, pillar drill</li> <li>• Vacuum forming</li> <li>• Working to tolerance.</li> </ul>	<b>Visibadge Project</b> <ul style="list-style-type: none"> <li>• Basic Electronics</li> <li>• Energy storage</li> <li>• Plastics</li> <li>• Soldering</li> <li>• Strip heating</li> <li>• Production Diary</li> <li>• Working to tolerance.</li> </ul>	<b>Monsters Project</b> <ul style="list-style-type: none"> <li>• Natural Fibres</li> <li>• Product Analysis</li> <li>• Safe use equipment</li> <li>• Design ideas</li> <li>• Hand sewing skills</li> <li>• Working to tolerance.</li> </ul>	<b>Innovation Projects</b> <ul style="list-style-type: none"> <li>• Climate change</li> <li>• Impacts of climate change</li> <li>• Plastic waste</li> <li>• Impacts of waste</li> <li>• Product Lifecycle</li> <li>• Producing a product from waste</li> <li>• Designing with the environment in mind</li> <li>• Prototyping/modelling</li> </ul>
		<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

		Still Life	Portraits	Creative Cakes	Insects
Year 7 - Art		<b>Concertina work</b> <ul style="list-style-type: none"> <li>• Understanding tone and colour theory</li> <li>• Brush control</li> <li>• Composition and page layout</li> <li>• Researching and taking inspiration from Artists</li> </ul> <b>Final Piece</b> <ul style="list-style-type: none"> <li>• Design inspired by Artist</li> <li>• Watercolour, colour pencil and fine-liner</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>• Hot and Cold colours</li> <li>• Artist transcription</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>• Facial features</li> <li>• Face proportions</li> <li>• Adding tone</li> <li>• Researching and taking inspiration from Artists</li> <li>• Art History and analysis</li> </ul> <b>Final Piece</b> <ul style="list-style-type: none"> <li>• Abstract design using poster paint and pen outlines</li> <li>• Brush control, colour theory, colour blending</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>• Half portrait drawing</li> <li>• Artist research.</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>• Line drawing and adding tone</li> <li>• Viewfinder of food packaging using colour pencil</li> <li>• Lollipop using watercolour and fine-liner pen</li> <li>• Final piece designs</li> </ul> <b>Final Piece</b> <ul style="list-style-type: none"> <li>• Cardboard relief construction</li> <li>• Poster paint to complete</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>• Extended project 3-D food sculpture</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>• Collage images</li> <li>• Insect drawings using colour pencil and biro pen</li> <li>• Mark making and tone</li> <li>• Leaf printing</li> <li>• Final piece design</li> </ul> <b>Final Piece</b> <ul style="list-style-type: none"> <li>• Watercolour paint on fabric</li> <li>• Blending and watercolour wash techniques</li> <li>• Embellish design</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>• Artist transcription</li> <li>• Collecting leaves and images</li> </ul>
		<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	<b>Portable Lunch Project</b> <ul style="list-style-type: none"> <li>Carbohydrates &amp; Sugars</li> <li>Sugar and alternatives</li> <li>Gelatinisation</li> <li>Culture, lifestyle, cost</li> <li>Fast Food - health</li> <li>Food Provenance-rice</li> <li><b>Practical Dishes</b></li> <li>Vegetable Couscous</li> <li>Baked Jollof</li> <li>Belgian Chocolate Cakes</li> <li>Quick Pizza</li> <li>Macaroni and Cheese</li> <li>Baked Fish Goujons</li> <li>Jam Jar Lunch</li> </ul>	<b>Model House Project</b> <ul style="list-style-type: none"> <li>Paper and board types</li> <li>Design planning</li> <li>Modelling skills</li> <li>Use of Scale</li> <li>Drawing and Making nets</li> <li>Surface decoration</li> <li>Craft knife skills</li> <li>Working to tolerance</li> </ul>	<b>Phone Holder Project</b> <ul style="list-style-type: none"> <li>Designing for a user</li> <li>Woods</li> <li>2D and 3D drawing</li> <li>Design development</li> <li>Working with woods</li> <li>Scroll saw, pillar drill</li> <li>Hand tools</li> <li>Wood finishes</li> <li>Working to tolerance</li> </ul>	<b>Pyjama Shorts Project</b> <ul style="list-style-type: none"> <li>Synthetic fibres</li> <li>Product Analysis</li> <li>Using patterns</li> <li>Seam allowance</li> <li>Working to tolerance</li> <li>Safe use of sewing machines</li> </ul>	<b>Innovation Project</b> <ul style="list-style-type: none"> <li>Analysing a context</li> <li>Researching a context</li> <li>Designing for users</li> <li>Specification</li> <li>Final design</li> <li>Prototyping/modelling</li> <li>Smart Materials</li> <li>Environmental issues</li> <li>Inclusive design</li> </ul>
		<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		<b>Concertina work</b> <ul style="list-style-type: none"> <li>Collage of cells – layering, overlapping and composition</li> <li>Line drawing, adding details, texture and mark making</li> <li>Experimenting with fine liner, colour pencil blending and tone</li> </ul> <b>Final Piece</b> <ul style="list-style-type: none"> <li>Two final cell designs using fine-liner pen and colour pencil blending</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>Tone and fine-liner cell</li> <li>Colour pencil cell</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>Title page using colour pencil and fine-liner pen</li> <li>Tonal drawing of African masks and identification of culture and traditions</li> <li>Pattern design</li> </ul> <b>Final piece</b> <ul style="list-style-type: none"> <li>Poly-block pattern printing</li> <li>African mask design using watercolour wash and blending techniques</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>Extended research on African culture and traditions</li> <li>Final Piece design</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>Artist transcription using mixed media - collage, watercolour wash and colour pencil blending</li> <li>Introduction to clay and key techniques</li> </ul> <b>Final piece</b> <ul style="list-style-type: none"> <li>Artist inspired final piece</li> <li>Clay/ polymer clay</li> <li>Textile mosaic</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>Artist research</li> <li>Architectural sculpture design inspired by artist</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>Art History and analysis</li> <li>Artist inspired designs</li> <li>Artist inspired drawing using chalk and charcoal</li> <li>Continuous line drawings and adding tone</li> </ul> <b>Final Piece</b> <ul style="list-style-type: none"> <li>3-D sculpture using wire, masking tape and mod rock</li> <li>Poster paint to complete</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>Collect materials for prop of the sculpture</li> <li>Artist research</li> </ul>
		<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 9*

**Art and Technology**  
Curriculum Plans

# Design & Technology - Annual Curriculum

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

		One-Point Perspective	Portraits	Food	Jasper Johns
Year 9 - Art		<b>Concertina work</b> <ul style="list-style-type: none"> <li>• One-Point perspective shapes adding tone</li> <li>• One-Point perspective words using colour blending</li> <li>• Artist transcription</li> <li>• Collage of architecture - composition and scale</li> </ul> <b>Final Piece</b> <ul style="list-style-type: none"> <li>• Worms eye view using pen and ink</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>• One-Point perspective tutorial</li> <li>• Artist research</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>• Typography title page</li> <li>• Artist inspired watercolour portrait</li> <li>• Artist analysis and research</li> <li>• Portrait collage – overlapping and layering</li> </ul> <b>Final piece</b> <ul style="list-style-type: none"> <li>• Grid method portrait, drawing from collage.</li> <li>• Tone, colour pencil, fine-liner</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>• Artist transcription</li> <li>• Facial feature tutorials</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>• Food wrapper drawings using tonal pencil</li> <li>• Artist transcription using mixed media</li> <li>• Mono-print study of food</li> </ul> <b>Final piece</b> <ul style="list-style-type: none"> <li>• Logos and food labels</li> <li>• Composition and layering design</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>• Artist research</li> <li>• Coca Cola can tutorial</li> </ul>	<b>Concertina work</b> <ul style="list-style-type: none"> <li>• Abstract hand design using tonal pencil, patterns, texture and mark making</li> <li>• Art history and analysis</li> <li>• Development of final piece designs</li> </ul> <b>Final Piece</b> <ul style="list-style-type: none"> <li>• Artist inspired abstract design using oil pastels</li> <li>• Colour theory</li> </ul> <b>Homework</b> <ul style="list-style-type: none"> <li>• Artist research</li> <li>• Complete unfinished work</li> </ul>
		<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>			