

St Martin's School

Curriculum Maps 2022/2023



Year 9 – Summer Term 2023
Curriculum Plans

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Year 9 Mathematics

Higher Sets	<u>Ratio and proportion:</u> Direct and inverse proportion with powers
	<u>Constructions:</u> Loci and regions; Sketch simple inequalities
	<u>Real life graphs:</u> Simple speed time graphs; Area under speed time graphs; Gradient of speed time graphs
	<u>Properties of shape (3D):</u> Surface area and volume of cylinders; Worded problems for volume; Volume of pyramids and cones
	<u>Transformations:</u> Negative scale factors for enlargement; Combined transformations; Column vector arithmetic; Basic vector algebra
Intermediate Sets	<u>Coordinate Geometry:</u> Gradient of a Line, Y Intercept, Parallel Gradients
	<u>Constructions:</u> Construct angles, Simple Loci
	<u>Representing Data:</u> Interpolation, Causation, Correlation, Frequency Polygons
	<u>Ratio and Proportion:</u> Ratio problems, Direct Proportion
	<u>Properties of Shape (3D):</u> Surface Area and Volume of Prisms and Cylinders
	<u>Real Life Graphs:</u> Gradient of Distance-Time Graph, Problems involving Graphs
	<u>Transformations:</u> Reflections, Rotation, Enlargements
Foundation Sets	<u>Coordinate Geometry:</u> Midpoints and Gradients of drawn lines
	<u>Constructions:</u> Squares, Triangles, Hexagons, Bisectors
	<u>Representing Data:</u> Scatter Graphs, Correlation, Lines of best fit, Stem and Leaf
	<u>Ratio and Proportion:</u> Divide quantity into two or more parts, Recipe questions
	<u>Properties of Shape (3D):</u> Find missing length given volume, Surface Area of Prisms
	<u>Real Life Graphs:</u> Speed, Distance, Time.
	<u>Transformations:</u> Reflect 2-D, Rotate about a point, Describe an Enlargement

Year 9 English Curriculum Plans – Summer Term 2023

Across these units of study, students will also develop:

Accuracy in spelling and in using Standard English grammar in writing and appropriate spoken contexts.

An increasing range of ambitious and complex vocabulary.

Accuracy and variety of punctuation and sentence demarcation.

Creative writing of non-fiction and fiction text types and conscious crafting of writing: planning, drafting, editing, amending; applying knowledge of language, grammar, structure, literary/rhetorical devices to own writing.

Communicating clearly, effectively and imaginatively in speech, selecting and adapting tone, style and register for different forms, purposes and audiences.

Organisation of information and ideas, using structural and grammatical features to support coherence and cohesion in own texts.

GCSE English Language Paper 1 Section A Reading: Explorations in Creative Reading (20th century texts)

Comprehension and analysis of a range of “A4” length literary prose extracts.

Using inference and selecting, summarising and synthesising evidence.

Using evidence from the text, focussed quotations, subject terminology and reference to context in discussion, written summary and analysis. Writing “a lot about a little”.

Evaluation of other views and critical viewpoints, using focused textual reference and subject terminology.

Assessment: Completion of year 9 AQA Paper 1, provided by AQA, Q2,4 and 5 only.

The Woman in Black: Susan Hill

GCSE English Literature Paper 2 Section A preparation

Cultural capital: cultural context the Gothic genre; 19th/early 20th century archetypes: Dickens, James, etc.

Characterisation of Arthur Kipps: the unreliable narrator. Structural features, allusion and intertextuality. Relevant literary devices: pathetic fallacy, foreshadowing and tension.

Using evidence from the text, focussed quotations, subject terminology and reference to context in discussion, written summary and analysis. Writing “a lot about a little”.

Creative writing in role and answering whole text level questions.

Assessment: GCSE English Literature paper 2 Section A style whole text analysis question

Non-Fiction

Pupils read a short range of 20th/21st century non-fiction texts/leaflets for English Language paper 1 and paper 2, question 5.

Rhetorical and presentational features of persuasive leaflets other relevant linguistic features: pun, wordplay, idiom, neologism, humour, irony.

Comparison and evaluation of parallel texts.

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Year 9 Science

Particle model of Matter

- Changes of state and the particle model
- Internal energy and energy transfers
- Particle model and pressure

PPE

- Preparation and revision
- Dedicated improvement tasks after the paper has been marked

Required Practical Skills

- Planning investigations
- Recording, analysing and evaluating data

Please be aware students may study these units in a different order than listed.

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History

The Unique Evil of the Holocaust

Students will complete their study of key events in the Second World War by examining the background to and the impact of anti-Semitism in the first half of the Twentieth Century and its significance for our lives today.

Protest Movements

Students complete their studies by examining how people in the past have managed to get their voices heard – including a history of the Black Civil Rights movement.

Geography

Migration

Students will learn about different types of migration and why people move due to push and pull factors. Detail of China's population and a global look at ageing and youthful countries.

Looking into Asia

In the second half of the term, students focus on Asia as a continent. Climate change in the Maldives, Deforestation in Nepal, Karnataka case study and the monsoons.

PRE

PRE in the Modern World

We look at issues that we are faced with in our society – disability discrimination, antisemitism and poverty (including the causes and impact). We review the effect these have on people and their ability to live their lives. As well as this, we consider the value and importance of religious freedom.

Year 9 Curriculum Plans – Summer Term 2023

French

Listening, speaking, reading and writing skills in French covering the following:

- Discussing holidays
- Imagining adventure holidays
- Talking about what you take with you on holiday
- Describing what happened on holiday
- Visiting a tourist attraction
- the pronoun *y*, question forms
- the conditional
- reflexive verbs
- the perfect tense (irregular past participles & verbs taking *être*)
- emphatic pronouns
- using three tenses

German

Listening, speaking, reading and writing skills in German covering the following:

- Talking about your childhood
- What you used to do as a child
- Comparing junior school and secondary school
- Grimms Fairy tales
- Als plus past tense
- Adjective endings with indefinite article (accusative)
- Imperfect tense of modal verbs
- Comparitives and superlatives
- Imperfect tense (regular and irregular verbs)

Design & Technology - Annual Curriculum

		Food	Graphics	RM	Textiles	Innovation
Year 9 - DT	Recap Health and safety in the workshop/kitchen	<u>Street Food Project</u> <ul style="list-style-type: none"> • Proteins and alternatives • Safe preparation • Micro organisms • Gluten formation • Egg cookery • Ethical, animal welfare, environment, health • Impact of food production - eggs <u>Practical Dishes</u> <ul style="list-style-type: none"> • Sausage rolls • Vegetarian curry • Spring rolls • Chicken noodle soup • Koftas • Cup cakes • Baked flat bread 	<u>File Box Project</u> <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 	<u>Candle Holder Project</u> <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 	<u>E Key Ring Project</u> <ul style="list-style-type: none"> • E Textiles • Conductive thread • Electronics • Design ideas • Design modelling • Hand sewing • Making patterns • Advances in modern technology materials 	<u>Computer Aided Design Software</u> <ul style="list-style-type: none"> • 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		<u>Concertina work</u> <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 <u>Final Piece</u> <ul style="list-style-type: none"> • Worms eye view using pen and ink <u>Homework</u> <ul style="list-style-type: none"> • One-Point perspective tutorial • Artist research 	<u>Concertina work</u> <ul style="list-style-type: none"> • Typography title page • Artist inspired watercolour portrait • Artist analysis and research • Portrait collage – overlapping and layering <u>Final piece</u> <ul style="list-style-type: none"> • Grid method portrait, drawing from collage. • Tone, colour pencil, fine-liner <u>Homework</u> <ul style="list-style-type: none"> • Artist transcription • Facial feature tutorials 	<u>Concertina work</u> <ul style="list-style-type: none"> • Food wrapper drawings using tonal pencil • Artist transcription using mixed media • Mono-print study of food <u>Final piece</u> <ul style="list-style-type: none"> • Logos and food labels • Composition and layering design <u>Homework</u> <ul style="list-style-type: none"> • Artist research • Coca Cola can tutorial 	<u>Concertina work</u> <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 <u>Final Piece</u> <ul style="list-style-type: none"> • Artist inspired abstract design using oil pastels <u>Homework</u> <ul style="list-style-type: none"> • Colour theory • 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.			

Year 9 Curriculum Plans – Summer Term 2023

Drama

SUMMER TERM 1

SUMMER TERM 2

UNDERSTANDING THEATRE

Exploring styles and techniques in theatre by experiencing recorded 'live' theatre from the National Theatre including: *One Man Two Guvnors* by Richard Bean, *Home* by Nadia Fall, *Treasure Island* and *Peter Pan*.

Performer, director and designer points of view explored through interpreting script, stage directions, verbatim theatre, monologues and set design.

Year 9 Curriculum Plans – Summer Term 2023

Digital Literacy

Term 1	Term 2	Term 3
<p>Unit 1 User Interfaces Types of interface, GUI, text based, sensor, menu, form, how we interact with digital devices, types of digital device (iPad, smart phones, games consoles, smart home appliances, in car entertainment etc.) Design principles – Colour, layout, font type, information used, ease of use, navigational tools, white space. Storyboard designs, mood boards, project planning tools. Testing and creating. User feedback, development.</p> <p>Unit 2 – Introduction to Python Strings and variables, Numbers and arithmetic, Selection using lists, Algorithms and how to write them clearly, Loops (while and for), searching and Problem Solving.</p>	<p>Unit 3 Understanding Computers Elements of a computer, RAM, ROM, CPU, SSD, the CPU and <u>it</u> components, how it functions and processes commands. Introduce binary language, binary addition and practise. Storage devices - internal/external. Convergent and new technologies.</p> <p>Unit 4 – Spreadsheet Modelling Computer models and how predictions happen, Financial Models, What IF scenarios, Conditional Formatting, Validation of Data, Macros and automation, Assessment.</p>	<p>Digital skills – IDEA award (Bronze, Silver Level) – Utilising online platform to develop accuracy and speed for word processing, this is done through various practises, tests, games, and paragraph typing.</p>

Year 9 Curriculum Plans – Summer Term 2023

Music



ST
MARTIN'S
MUSIC



Year 9 – The Big Picture

In the first three half terms, you will study the following schemes of work (not necessarily in this order):

Keyboard Skills

You will develop your keyboard skills using innovative technology, that enables you to learn pop songs without using traditional notation. You will develop your performance skills through regular performing opportunities.

Cover Versions

You will have the opportunity to create your own cover version of a pop song of your choice in groups, using a variety of different instruments. You will use your musical skills in order to make your piece innovative and original.

Dance Remix

You will assume the role of a music producer, tasked with creating a remix of a modern pop song. You will develop your music technology skills and learn a variety of different techniques enabling you to create an authentic and exciting remix.

In the second three half terms, you will study the following schemes of work (not necessarily in this order):

Protest Songs

Through developing your songwriting skills, you will write a song on a theme that matters to you, and explore a number of songs that have been written over the years to raise awareness of important issues.

African Drumming

Another entirely practical topic, you will develop your percussion skills using authentic African instruments and whole-class performances, whilst broadening your knowledge of world music and its importance to millions of different people.

Film Music

You will assume the role of a film music composer, writing an original soundtrack for a short segment of a film using music technology. Along the way, you will learn about all the key techniques and terminology related to film music.

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Applying tactics, coaching & officiating	BEFORE HALF TERM 6 weeks		AFTER HALF TERM 6.5 weeks	
	LESSONS 1-5	LESSONS 6+	LESSONS 1-5	LESSONS 6+
Kobe/Murray	Athletics (Field)	Athletics (Field)	Lifesaving & Personal Survival (Pool)	Rounders (Field)
Cook/Daley	Cricket (MUGA)	Athletics (Field)	Rounders (Field)	Short Tennis (Sports Hall)
Dina/Kenny	Lifesaving & Water Polo (Pool)	Short Tennis (Sports Hall)	Athletics (Field)	Cricket (MUGA)
Scott/Storey	Athletics (Field)	Athletics (Field)	Striking & Fielding (MUGA)	Water Polo (Pool)
Corbin/Adams	Athletics (Field)	Water Polo (Pool)	Short Tennis (Sports Hall)	Striking & Fielding (MUGA)

Students will be informed when they change activity. This will vary between classes but will be approximately half way through each half term.