

St Martin's School

Curriculum Maps 2021/2022



Year 9 – Summer Term 2022
Curriculum Plans

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Year 9 Mathematics

Higher Sets

Ratio and proportion: Direct and inverse proportion with powers

Constructions: Loci and regions; Sketch simple inequalities

Real life graphs: Simple speed time graphs; Area under speed time graphs; Gradient of speed time graphs

Properties of shape (3D): Surface area and volume of cylinders; Worded problems for volume; Volume of pyramids and cones

Transformations: Negative scale factors for enlargement; Combined transformations; Column vector arithmetic; Basic vector algebra

Intermediate Sets

Coordinate Geometry: Gradient of a Line, Y Intercept, Parallel Gradients

Constructions: Construct angles, Simple Loci

Representing Data: Interpolation, Causation, Correlation, Frequency Polygons

Ratio and Proportion: Ratio problems, Direct Proportion

Properties of Shape (3D): Surface Area and Volume of Prisms and Cylinders

Real Life Graphs: Gradient of Distance-Time Graph, Problems involving Graphs

Transformations: Reflections, Rotation, Enlargements

Foundation Sets

Coordinate Geometry: Midpoints and Gradients of drawn lines

Constructions: Squares, Triangles, Hexagons, Bisectors

Representing Data: Scatter Graphs, Correlation, Lines of best fit, Stem and Leaf

Ratio and Proportion: Divide quantity into two or more parts, Recipe questions

Properties of Shape (3D): Find missing length given volume, Surface Area of Prisms

Real Life Graphs: Speed, Distance, Time.

Transformations: Reflect 2-D, Rotate about a point, Describe an Enlargement

Year 9 English Curriculum Plans – Summer Term 2022

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.

Year 9 Curriculum Plans – Summer Term 2022

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.

Year 9 Curriculum Plans – Summer Term 2022

History

The Unique Evil of the Holocaust

Students will complete their study of key events in the Second World War by looking at the Holocaust. They will examine 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 and Looking into Asia

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.

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 2022

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:

- Likes and dislikes on types of music
- Types of instruments
- Describing and comparing bands
- Describing a music festival
- Crazy ambitions
- Reasons for doing jobs
- Saying what you would like to be
- Working in a ski resort
- Subject and direct object pronouns
- Opinions and justifications using *weil*
- *Seit* + present tense
- Comparatives
- Imperfect of *sein*
- Using perfect tense separable verbs
- Future tense
- Conditional
- *Um ... Zu*
- Verb second idea
- Prepositions *In* + *auf* plus accusative and dative

Design & Technology - Annual Curriculum

		Food	Graphics	RM	Textiles	Innovation
Year 9 - DT	Recap Health and safety in the workshop/kitchen	Street Food Project <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 Practical Dishes <ul style="list-style-type: none"> • Sausage rolls • Vegetarian curry • Spring rolls • Chicken noodle soup • Koftas • Cup cakes • Baked flat bread 	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
		<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		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 <ul style="list-style-type: none"> • 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>			

Year 9 Curriculum Plans – Summer Term 2022

Drama

AUTUMN TERM 1	AUTUMN TERM 2	SPRING TERM 1	SPRING TERM 2	SUMMER TERM 1	SUMMER TERM 2
LORD OF THE FLIES Exploring themes, character and status through text	GENRES OF COMEDY Devising in specific styles of comedy, communication, characterisation	MISCHIEF THEATRE COMEDY SCRIPT WORK Exploring script, characterisation, multirole, comedy, style and genre	TV GENRES Devising in specific genres and styles, characterisation, comedy	SOCIAL MEDIA Exploring current issues through script and improvisation	MOVIE AND FILM TECHNIQUES Exploring storytelling techniques in the film industry
	<i>Theatre Trip 8th / 9th Dec '21</i>		<i>KS4 Curriculum Eve PTC</i>		<i>Lower School Production: Legally Blonde w/c 13th June '22</i>

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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 2022

Music



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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.