

ST MARY'S CATHOLIC SCHOOL

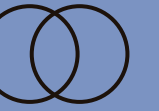
KS4 CURRICULUM MAP



2024-2025



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Year 10 Curriculum

	Year 10 Term 1	Year 10 Term 2	Year 10 Term 3	Year 10 Term 4	Year 10 Term 5	Year 10 Term 6
Art	GCSE Personal Investigation Project Flora and Fauna Linked Trip: Museum of Zoology	GCSE Personal Investigation Project Flora and Fauna	GCSE Personal Investigation Project Flora and Fauna	GCSE Personal Investigation Project Flora and Fauna	GCSE Personal Investigation Project Flora and Fauna	GCSE Personal Investigation Project Flora and Fauna
Business	Topic 1:1 Enterprise & entrepreneurship The dynamic nature of business Risk and reward How and why new business ideas come about Topic 1:2 Adding value Customer needs Market research	Market segmentation Market mapping The competitive environment Topic 1:3 Business aims and objectives Revenue costs and profit	Break even The important of cash Cash flow forecasts Sources of finance	Topic 1:4 Ownership and liability Franchising Business location The Marketing Mix Business plans	Topic 1:5 Stakeholders Technology and business Legislation Introduction to the economy External influences	Recap and revision Past paper review Investigation of real businesses to apply knowledge Preparation for Year 11
Design & Technology Product Design	Timbers Practical: Plane Timbers Theory Technical Drawing	Metals Practical: Candle Stick Holder Metals Theory Technical Drawing	CAD CAM Polymers Practical Plastics Theory Iterative Design Process	Card and Foam Prototyping: Inclusive design model Card and Board Theory Design for inclusivity	Mechanisms Theory and Practical Electronics Theory and Practical NEA Preparation – Design Challenges	NEA Begins Smarts and Composite and Modern Materials Theory
Design & Technology Textiles	Clothing Production: Sweat shirt Timbers Theory Technical Drawing	Clothing Production: Sweat shirt Metals Theory Technical Drawing	Textiles Product: Childs Product Plastics Theory Iterative Design Process	Textiles Product: Childs Product Card and Board Theory Design for inclusivity	Mechanisms Theory and Practical Electronics Theory and Practical NEA Preparation – Design Challenges	NEA Begins Smarts and Composite and Modern Materials Theory
Design & Technology Food Nutrition	Principals of nutrition Food provenance Cultures and cuisines/factors affecting food choice	Food Commodities: Bread, cereals, flour, oats, rice, potatoes, pasta Food Commodities:	Food Commodities: Meat, Fish, Poultry, Eggs Cooking and Food Preparation Skills	Food Commodities: Milk, cheese, and yoghurt Cooking and Food Preparation Skills	Food Commodities: Fruit and Veg Mock NEA 2 Cooking and Food Preparation Skills	Food Commodities: Soya, Tofu, Beans, nuts, seeds Technical developments

	Cooking and Food Preparation Skills	Butter, Oils, Margarine, Sugar and Syrup Mock NEA 1 Cooking and Food Preparation Skills				Revision
Drama	Autumn 1 – Set text / Comp 2 Practice / written exam	Autumn 2 – Set text / Comp 2 Practice / written exam	Spring 1 – Devising Exploration	Spring 2 – Devising performance and portfolio	Summer 1 – Devising Evaluation	Summer 2 – Live review
English	A Christmas Carol (Lit) Viewpoints and Perspectives: Reading Skills (Lang)	Exploring in creative reading and writing: Reading Skills (Lang) Power and Conflict Poetry (Lit)	Exploring in creative reading and writing: Writing Skills (Lang) Power and Conflict Poetry (Lit)	Viewpoints and Perspectives: Reading Skills (Lang)	Unseen Poetry (Lit) Christmas Carol / Poetry Review	Viewpoints and Perspectives: Writing Skills (Lang) Animal Farm (Lit)
Geography	Changing Cities	The Changing Landscape of the UK – Coasts	The Changing Landscape of the UK – Rivers	Ecosystems Biodiversity and Management	Ecosystems Biodiversity and Management	Fieldwork in the local area
History	Medicine Through Time c1250-1500 Medicine in Medieval England Ideas about the cause of disease and illness Approaches to prevention and treatment Case study	Medicine Through Time c1500-1700 The Medieval Renaissance in England Ideas about the causes of disease and illness Approaches to prevention and treatment Case study	Medicine Through Time c1700-1900 Medicine in Eighteen and Nineteen Century Britain Ideas about the cause of disease and illness Approaches to prevention and treatment Case study	Medicine Through Time c1900-present Medicine in Modern Britain Ideas about the cause of disease and illness Approaches to prevention and treatment Case study The British Sector in the Western Front 1914-1918: injuries, treatment and the trenches	Elizabeth I 1558-1588 Key Topic 1 Queen, government and religion, 1558-1569 Key Topic 2 Challenges to Elizabeth at home and abroad 1569-1588	Elizabeth I 1558-1588 Key Topic 3 Elizabethan society in the Age of Exploration 1558-1588
ICT	System Architecture Memory Programming: Variables, constants, operators, input,	Storage Wired and Wireless Network Software	Network topologies, protocols and layers System security Programming: Computational	Ethical legal and environmental concerns Programming: standard searching	Data Representation I Programming techniques: Errors and testing	Facilities of language and translators Programming: File handling, sql and data sets

	output and assignments	Programming: control flow constructs	thinking, writing and tracing algorithms	and sorting algorithms		
Maths	Congruence, similarity and enlargement Trigonometry Representing solutions of equations and inequalities Simultaneous Equations	Congruence, similarity and enlargement Trigonometry Representing solutions of equations and inequalities Simultaneous Equations	Angles and Bearings Working with Circles Vectors Ratios and Fractions Percentages and Interest Probability	Angles and Bearings Working with Circles Vectors Ratios and Fractions Percentages and Interest Probability	Collecting, representing and interpreting data Non-Calculator methods Types of number and sequences Indices and Roots Manipulating Expressions	Collecting, representing and interpreting data Non-Calculator methods Types of number and sequences Indices and Roots Manipulating Expressions
MFL French	Theme 1 Identity and culture Module 1 Family and describing people Places in the town and activities Friends and friendships Family relationships Present tense, adjectives, nouns and genders Making arrangements to go out Near future tense Describing a night out with friends Perfect tense	Theme 1 Identity and culture Module 1 Life when you were younger Imperfect tense Role models Module 2 Sport and music Technology, films and TV Life online Books and reading TV programmes Cinema, actors and film	Theme 1 Identity and culture Module 2 Food and meals Discussing and shopping for clothes Module 3 Daily life Food for special occasions Family celebrations Festivals and traditions Using a combination of tenses	Theme 2 Local, national, international and global areas of interest Module 4 Talking about where you live, weather and transport Describing a town and asking the way Describing a region My town	Theme 2 Local, national, international and global areas of interest Module 4 Community projects Module 5 Dream holidays and conditional tense Booking and reviewing hotels Restaurants	Theme 2 Local, national, international and global areas of interest Module 5 Talking about travelling Buying souvenirs Talking about holiday disasters Exam skills and revision of GCSE modules covered to date Mock exam revision Exam skills
MFL Spanish	Holidays, talking about what you do during summer, talking about past holidays	Holidays, reserving a room, describing a holiday and holiday problems	School life, school rules, school exchange, extracurricular activities	Social networks, completing a dialogue in Spanish, reading preferences, relationships with family and friends	Free time activities, TV and film	Free time activities, sports, entertainment, role models

		School life, subjects, teachers, describing your school	Describing people and family			
Music	Recap of KS3 music theory Set Work 1 – Badinerie First Free Composition First Solo Performance	AOS3: Film Music First Free Composition First Ensemble Performance	AOS3: Film Music First Free Composition	Set Work 2 – Africa First Free Composition Second Solo Performance	AOS2: Music for Ensemble First Free Composition Second Ensemble Performance	AOS2: Music for Ensemble First Free Composition submitted
PE	Students from 7 to 11 will participate in 2 hours of Physical Education a week, the curriculum aims for these lessons are: <ul style="list-style-type: none"> • To instil a lifelong love of sport; • Students to acquire and develop skills in a wide range of sports and apply these in a competitive environment; • Improve physical and mental health. 					
RE	GCSE T2 Human Rights and Social Justice	GCSE C2 Incarnation	GCSE T1 Relationships	GCSE J1 Judaism Beliefs and Teachings	GCSE J2 Judaism Practices	GCSE C5 Kings of God
Science	Communicable diseases Preventing and treating disease Chemical calculations Chemical changes Electricity in the home Radioactivity Molecules and mater	Communicable diseases Preventing and treating disease Non-communicable diseases Chemical calculations Chemical changes Electrolysis Electricity in the home Radioactivity Molecules and mater	Electrolysis Non-communicable diseases Photosynthesis Respiration Energy changes	Energy changes Rates and equilibrium Motion Force and motion Adaptations, interdependence and competition Forces in balance	Force and pressure Adaptations, interdependence and competition Rates and equilibrium Forces in balance Motion Force and motion	Crude Oil and fuels Adaptations, interdependence and competition Organising an ecosystem Biodiversity and ecosystems

Year 11 Curriculum

	Year 11 Term 1	Year 11 Term 2	Year 11 Term 3	Year 11 Term 4	Year 11 Term 5	Year 11 Term 6
Art	GCSE Personal Investigation Project Heritage	Mock Exam Project BIRDS	GCSE Examination Project Preparation Unit 2	GCSE Examination Project Preparation Unit 2	Revision	Revision

		GCSE Personal Investigation Project				
Business	<p>Topic 2:1 Methods of growth Finance for growth Changes in aims and objectives Globalisation Business ethics</p> <p>Topic 2:2 The Marketing Mix Product Price Promotion Place</p>	<p>Topic 2:3 Business operations Productivity Managing stock Procurement Managing quality The sales process</p>	<p>Topic 2:4 Business calculations Understanding business performances Topic 2:5 Organisational structures The importance of effective communication Different ways of working Effective recruitment Effective training and development Motivation</p>	<p>Effective recruitment Effective training and development Motivation Revision and assessment preparation</p>	Revision	Revision
Design & Technology Product Design Textiles	NEA Design Design and Technology in our world theory	NEA Design / Make Mechanisms theory	NEA Make Electronics theory	NEA Evaluate Card and Board theory	Revision	Revision
Design & Technology Food Nutrition	NEA 1 Preparation NEA 1	NEA 2 Preparation and presentation Revision	NEA 2 Revision	NEA 2 Practical Exam Revision	Revision	Revision
Drama	Autumn 1 Set text Recap / Written Assessment	Autumn 2 Performing from a Text	Spring 1 Performing from a Text Final	Spring 2 Written Exam / Performing from a Text to examiner	Summer 1 Written Exam	Revision
English	Macbeth (Lit) Unseen Poetry (Lit)	Christmas Carol Revision (Lit) Exploring in creative reading and writing Revision (Lang)	Revision Language Papers Shakespeare & Orwell	Viewpoints and Perspectives Revision (Lang) Power and conflict poetry revision (Lit)	Revision	Revision

Geography	Fieldwork / Global Development	Global Development / Weather Hazards and Climate Change	Weather Hazards / Resource Management	UK Challenges	Revision and Assessment	Revision
History	Germany 1918-1939 Key Topic 1 The Weimar Republic 1918-1929 Key Topic 2 Hitler's rise to power 1919-1933	Germany 1918-1939 Key Topic 3 Nazi control and dictatorship 1933-1939 Key Topic 4 Life in Nazi Germany 1933-1939	Superpower Conflict 1941-1991 Key Topic 1 The origins of the Cold War 1941-1958 Key Topic 2 Cold War Crisis 1958-1970	Superpower Conflict 1941-1991 Key Topic 3 The end of the Cold War 1970-1991	Revision	Revision
ICT	Computational Logic Programming: Preparation for the NEA assessment	Data Representation II Programming: NEA	Component 1 & 2 Revision Programming: NEA	Component 1 & 2 Revision Programming: NEA	Revision	Revision
Maths	Gradients Non Linear Graphs Using Graphs Expanding and Factorising Changing the Subject Functions	Gradients Non Linear Graphs Using Graphs Expanding and Factorising Changing the Subject Functions	Multiplicative Relationships Geometric Reasoning Algebraic Reasoning Transforming and Constructing Listing and Describing	Multiplicative Relationships Geometric Reasoning Algebraic Reasoning Transforming and Constructing Listing and Describing	Examination Preparation	Revision
MFL French	Theme 3 Current and future study and employment School subjects, likes and dislikes My school Schools in France School rules School exchanges Exam skills and revision of GCSE modules covered to date Mock exam revision	Theme 3 Current and future study and employment Primary school and imperfect tense Jobs and work preferences Career choices Mock feedback	Theme 3 Current and future study and employment Talking about plans, hopes and fears Understanding case studies Theme 2 Local, national, international and global areas of interest Healthy Living	Theme 2 Local, national, international and global areas of interest Environment Ethical shopping Volunteering Big events Revision and exam skills	Revision	Revision

	Exam skills					
MFL Spanish	Places in town, shops, souvenirs, features of a region, shopping, problems in a town, describing a past visit to a town	Mealtimes, illnesses, typical foods and festivals, ordering in a restaurant	Post 16 choices, university, jobs, careers, future plans	Healthy lifestyle, Environmental problems and solutions Global issues	Revision	Revision
MFL Italian	Theme 3: Current and future study and employment Life after school Education post-16, jobs, career choices and ambitions Theme 2: Local, national, international and global areas of interest My Region Places in town, shops, features of a region, problems, describing a town in the past	Theme 2: Local, national, international and global areas of interest Travel and tourism	Theme 2: Local, national, international and global areas of interest Global issues The environment Poverty/ Homelessness	Theme 2: Local, national, international and global areas of interest Social issues Charity/voluntary work Healthy/unhealthy living	Revision	Revision
Music	AOS1: Musical Forms and Devices Second Brief Composition Mock Solo Performance	AOS1: Musical Forms and Devices Second Brief Composition Mock Ensemble Performance	AOS4: Pop Music Second Brief Composition Recording of Final Solo and Ensemble Performance	AOS4: Pop Music All Coursework submitted, marked and sent off Revision	Revision	Revision
PE	Students from 7 to 11 will participate in 2 hours of Physical Education a week, the curriculum aims for these lessons are: <ul style="list-style-type: none"> To instil a lifelong love of sport; Students to acquire and develop skills in a wide range of sports and apply these in a competitive environment; Improve physical and mental health. 					
RE	GCSE C5 Kingdom of God	GCSE C3 Triune God Mock Exam 1	GCSE C4 Redemption	Revision Mock Exam 2	GCSE Exams	Revision

	Practice Exam Question GCSE C6 Eschatology Practice Exam Question		Practice Exam Question			
Science	Crude oil and fuels Chemical analysis The Earth's atmosphere The Earth's resources Electromagnetism The human nervous system Hormonal coordination Organic reactions and polymers Wave properties EM waves	EM waves Crude oil and fuels Chemical analysis The Earth's atmosphere The Earth's resources Electromagnetism Light Genetics and evolution Variation and evolution Reproduction Homeostasis	Electromagnetism Using our resources and Space Wave properties EM waves The human nervous system Hormonal coordination	Revision	Revision	Revision