



Easter Revision in London

GCSE Course Outlines

25 March to 12 April 2024

Introductory Notes

Welcome to the Easter 2024 GCSE Revision programme. In this booklet you will find information about what our revision courses offer and detailed information on what the courses contain. If you have any queries, then please do contact one of the Course Directors.

We very much hope that you will find your Easter courses rewarding and look forward to welcoming you to MPW.

MPW London was founded in 1973 and is part of the MPW group of independent fifth and sixth form colleges. Our college is situated in attractive premises in South Kensington with around 600 term-time GCSE and A level students on roll each year. We offer a broad range of subjects and have a tradition of expertise in intensive, exam-oriented courses. It is this expertise which forms the basis of our Easter Revision programme.

MPW has been running successful Easter Revision courses for over 35 years. Our courses focus on the following aspects which, in our experience, are essential for students' confidence and good academic performance:

- Intensive revision of core topics and examination practice
- Emphasis on understanding rather than learning
- Identification of the most common types of exam question set on each topic
- Question-answering techniques and essay-writing skills
- Study and revision skills

Our tutors are highly qualified graduates whose experience at MPW has trained them to be particularly adept at building students' confidence quickly and efficiently. We also employ a number of carefully selected tutors from schools around the country. Many are GCSE and A level examiners and are therefore attuned to the requirements and approaches of the various examination boards.

Group size is limited to nine students. Such small classes are essential in order to provide the close attention that each student requires. Students must expect to be worked hard for the duration of their courses and they are tested regularly and given advice on the best way to revise in the final run-up to their exams.

Our GCSE/IGCSE revision courses are designed for students who will be sitting their exams in Summer 2024.

Easter Revision 2024

- Our Easter Revision 2024 Course Dates are as follows:
- Week 1: Monday 25 March – Friday 29 March
(includes Good Friday)
 - Week 2: Monday 1 April – Friday 5 April
(includes Easter Monday)
 - Week 3: Monday 8 April – Friday 12 April

Syllabus Numbers

This booklet contains the detailed course outlines for our Easter 2024 Revision programme. Our GCSE courses are, in general, board- and syllabus- specific. This is because the National Curriculum sets out prescribed core topic areas which must be covered by all syllabuses. It is on these core topics that our GCSE courses focus. If care is taken to enter on the registration form the examining board and syllabus number, we can alert parents if their son or daughter is being taught pilot, experimental or otherwise unusual syllabuses which would be incompatible with the courses on offer.

Course Levels

Please note that we only offer the Higher tier on all syllabuses.

Edexcel (Pearson) Courses

Please note that Edexcel has been acquired by Pearson. It is still the same board and is referred to in this guide as Edexcel (Pearson).

The Edexcel (Pearson) exam board runs both IGCSE and GCSE subjects but the syllabuses differ significantly, both in terms of content and exam focus. Please note we do not run all IGCSE Edexcel and GCSE Edexcel subjects and they are not interchangeable. It is therefore important that the registration form reflects the correct syllabus, i.e. IGCSE or GCSE, when signing up for an Edexcel course. Please check with your child's school if you are unsure which syllabus to register for.

Questionnaires

Upon registration, we send a questionnaire along with the confirmation letter asking for details of any particular subject areas within a syllabus, which have been causing particular difficulties at school. The questionnaire takes a little time to complete but it helps us enormously in preparing Easter Revision lessons and ensures that, wherever possible, we are able to pay attention to particular problem topics.

Maths and English Language Courses

We will be offering separate courses for both GCSE and IGCSE Maths and English Language. Please see pages 13, 27 and 28. Please indicate which course is required on the registration form as the two syllabuses differ significantly in terms of content.

Science Courses

Over the last couple of years, there has been a proliferation in the number of GCSE specifications available in Science and, more importantly, the differences between various specifications has become much more marked. Consequently, our Science courses have become board- and syllabus-specific and are arranged differently to reflect important variations in the syllabus and the approach to revision that is required.

We will be offering the following Science courses:

- IGCSE Biology, Chemistry and Physics
- IGCSE Double Award Science Edexcel (4SD0)
- GCSE Combined Science (Trilogy) AQA (8464)
- GCSE Biology, Chemistry and Physics AQA

Language courses

Those taking GCSE language courses should be aware that our IGCSE courses are not suitable. In some cases we have created a GCSE specific course, though not for all languages. Should you require IGCSE/GCSE courses then please contact us and a separate course will be created (subject to demand and where possible).

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N.B. All courses are offered only at higher level

MPW Teaching Staff 2024

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**Head of Department*

***Head of Faculty*

Subjects

IGCSE Biology Higher Level

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	Based on Edexcel (Pearson) specification	
Length of Course	20 hours	
Times	2pm to 6pm daily	

The course examines key topic areas and use will be made of past questions to illustrate relevant principles. Revision notes and model answers will be provided where appropriate.

This course is not suitable for students taking Additional Science. Equally, the course will be more in depth than the Dual Award Science.

1. The nature and variety of living organisms

Examples and features of plants, animals, fungi, bacteria, protoctists and viruses.

2. Structures and functions in living organisms

Cell structures; biological molecules; movement of substances into and out of cells; nutrition; respiration; gas exchange; transport; excretion; coordination and response.

The course will include the differences between plant and animal cells. The similarities and differences between diffusion, osmosis and active transport will be explained. Details of the human digestive system are given, with the functions of the different parts. The experimental evidence showing what a plant needs for photosynthesis will be discussed.

3. Reproduction and inheritance

The differences between asexual and sexual reproduction; pollination in flowering plants; the structure of the human reproductive systems; DNA; genetics and variation.

Adaptations of wind pollinated and insect pollinated flowers will be given. The functions of the main parts of the human reproductive systems will be discussed and the hormones involved in the menstrual cycle shown by means of graphs. Patterns of inheritance will be shown via working out genetics problems.

4. Ecology and the environment

Ecosystems; feeding relationships; cycles within ecosystems and human influences on the environment; organisms and habitats; food chain and energy flow; conservation.

The technical terms used in ecology will be defined. The carbon, water and nitrogen cycles will be explained. The effects of humans on the environment will be considered e.g. pollution.

5. Use of biological resources

Food production; selective breeding; genetic modification (genetic engineering) and cloning.

The ways that knowledge of biology can be used to increase the production of food for people will be discussed.

Biology GCSE AQA

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	AQA 8461	
Length of Course	20 hours	
Times	9am to 1pm daily	

This course is suitable only for students studying single GCSE Biology with AQA (8461). It is not suitable for those students studying AQA Science or Additional Science or Biology specifications with other exam boards. This award for this specification is graded on the new 9-1 scale.

Please note that students can be entered for either higher tier or foundation tier exams for this specification. This course will be delivered to higher tier standard.

- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response
- Inheritance, variation and evolution
- Ecology
- Key ideas

Business IGCSE

Dates Available	Week 1	25 March – 29 March
Boards	CAIE	
Length of Course	20 hours	
Times	9 am to 1 pm daily or 2 pm to 6 pm daily	

This intensive and packed course revises the key themes from the following sections of the IGCSE course and offers intensive practice of the two papers, helping students with the skills required and exam technique

Each day focuses on one area, with Section 6 spread out over the 5 days

Content overview

1 Understanding business activity

This section introduces the underlying ideas and concepts of business and includes the purpose and nature of business activity and how businesses can be classified. It discusses why some businesses grow while others remain small.

2 People in business

The focus is the functional area of human resource management; organisation, leadership, recruitment, selection, training and motivation.

3 Marketing

This section includes the role of marketing: market research, analysis and the use of the marketing mix to influence customer decisions.

4 Operations management

The focus is the functional area of production: methods of production, productivity, costs, breakeven, quality and location.

5 Financial information and decisions

This finance and accounting section covers: sources of business finance, cash-flow forecasting, working capital. Simple income statements and statements of financial position are introduced and analysed.

6 External influences on business activity

This section includes government influences, economic, environmental and ethical issues and how they impact on the functional areas of businesses. It also covers the international economy: globalisation and its effects on businesses and governments, multinational businesses and exchange rates. Legal constraints are covered here and in the relevant functional areas above.

IGCSE Chemistry Higher Level

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	Based on Edexcel (Pearson) specification	
Length of Course	20 hours	
Times	9am to 1pm daily	

The course examines key topic areas and use will be made of past questions to illustrate relevant principles. Revision notes and model answers will be provided where appropriate.

This course is not suitable for students taking Additional Science. Equally, the course will be more in depth than the Dual Award Science.

We will be focussing on all aspects of the IGCSE Chemistry course, including structure and bonding; metals and reactivity series; acids and bases; the periodic table; atmosphere and the chemical industry and organic chemistry.

Section 1 Principles of chemistry

This section will focus on mole calculations; bonding and electrolysis.

Section 2 Chemistry of the elements

This section will focus on groups 1 and 7; reactivity series; tests for gases and ions; transition elements; noble gases.

Section 3 Organic chemistry

This section will focus on alkanes; alkenes and ethanol; the uses of the hydrocarbon and fractional distillation; polymers and their uses.

Section 4 Physical chemistry

This section will focus on acids and bases; equilibrium and energetics; salt formation; pH scales as a measure of the strength of acids and alkalis; identification of various cations; anions and gases.

Section 5 Chemistry in society

This section will focus on polymers and industrial processes.

Chemistry GCSE AQA

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	AQA 8462	
Length of Course	20 hours	
Times	2pm to 6pm daily	

This course is suitable only for students studying single GCSE Chemistry with AQA (8462). It is not suitable for those students studying AQA Science or Additional Science or Chemistry specifications with other exam boards. This award for this specification is graded on the new 9-1 scale.

Please note that students can be entered for either higher tier or foundation tier exams for this specification. This course will be delivered to higher tier standard.

- Atomic structure and the periodic table
- Bonding, structure, and the properties of matter
- Quantitative chemistry
- Chemical changes
- Energy changes
- The rate and extent of chemical change
- Organic chemistry
- Chemical analysis
- Chemistry of the atmosphere
- Using resources
- Key ideas

Classical Greek GCSE

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	OCR	
Length of Course	20 hours	
Times	2pm to 6pm daily	

The main focus of the course is on translation skills, supported by revision of vocabulary, grammar and sentence construction. Study for the majority of the course is centred upon translating unseen passages of Classical Greek. Students will be tested in detail each day on the passage they have studied the previous day to ensure that they have a full grasp of the syntax, accidence and grammatical structures, including subordinate clauses. The remaining time is given to workshops in which students will be given help with literary analysis set texts and looking at the literature and culture aspect of the course. Again, the emphasis is on translation of the original Greek, but within an overall understanding of these prescribed texts.

Prose
Tales from Herodotus Sections II (Psammetichus), III (Crocodiles), IV (Myserinus), XVa (Pygmies)

Verse
Euripides, *Bacchae*, lines 434–508 & 800–838

The following two options are also available, subject to demand, and if required:

Prose
Plato, *The Martyrdom of Socrates*, ed. F Doherty Plato, *Phaedo* (The death of Socrates) Section 59c10 to Section 118, line 19

Verse
Homer, *Odyssey*, Book 7 lines 184–297

GCSE Combined Science (Trilogy) AQA

IGCSE Double Award Science Edexcel (Pearson)

Dates Available	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	AQA 8464	
Length of Course	20 or 30 hours	
Times	9am to 4pm or 11am to 6pm daily	

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	Edexcel (Pearson) specification (4SD0)	
Length of Course	20 or 30 hours	
Times	9am to 4pm or 11am to 6pm daily	

Not suitable for students studying IGCSE, as opposed to GCSE.

The GCSE Combined Science (Trilogy) course is modular in structure and students can opt to take either two or all three modules. Each module is 10 hours in duration, spread over the week, i.e. two hours daily.

This course aims to cover key topics in the GCSE Combined Science (Trilogy) course. Extensive use will be made of available specimen papers and suitable past paper questions.

Please note that this course is not suitable for Single Award students, who should consider our separate Science courses.

On this course we will be covering aspects of the following:

Biology

- Cell biology
- Organisation
- Infection and response
- Bioenergetics
- Homeostasis and response
- Inheritance, variation and evolution
- Ecology

Chemistry

- Atomic structure and the periodic table
- Bonding, structure, and the properties of matter
- Quantitative chemistry
- Chemical changes
- Energy changes
- The rate and extent of chemical change
- Organic chemistry
- Chemical analysis
- Chemistry of the atmosphere
- Using resources

Physics

- Energy
- Electricity
- Particle model of matter
- Atomic structure
- Forces
- Waves
- Magnetism and electromagnetism

Not suitable for students studying GCSE, as opposed to IGCSE.

The IGCSE Science Double Award course is modular in structure and students can opt to take either two or all three modules. Each module is 10 hours in duration, spread over the week, i.e. two hours daily.

This course aims to cover key topics in the IGCSE Science Double Award course. Extensive use will be made of available specimen papers and suitable past paper questions.

Please note that this course is not suitable for Single Award students, who should consider our separate Science courses.

On this course we will be covering aspects of the following:

Biology Module

- The nature and variety of living organisms
- Structure and functions in living organisms
- Reproduction and inheritance
- Ecology and the environment
- Use of biological resources

Chemistry Module

- Principles of chemistry
- Inorganic chemistry
- Physical chemistry
- Organic chemistry

Physics Module

- Forces and motion
- Electricity
- Waves
- Energy resources and energy transfer
- Solids, liquids and gases
- Magnetism and electromagnetism
- Radioactivity and particles
- Astrophysics

Please indicate clearly on the registration form which of these modules you wish to revise.

GCSE English Language

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	AQA, Edexcel (Pearson), OCR, Eduqas	
Length of Course	20 hours	
Times	9am to 1pm or 2pm to 6pm	

This course provides help with skills useful for the various GCSE English Language exams in their current formats. The course will utilise exercises taken from a variety of examination papers with the aim of meeting the needs of all those who enrol.

The following areas will be covered. The length of time spent on each one may vary slightly from the following outline in order to take into account, the specific needs of students within a particular group.

Different types of exam question
An explanation of the different formats of the papers

Exam technique/Essay skills
Timing and structure

What examiners are looking for
The different assessment objectives will be explained

Non-literary and media comprehensions
Analysing language and arguments
Summarising

Writing from a stimulus
Using specified forms (e.g. diary, letter, talk, leaflet)

Revision tips
Preparing for the exams, advice for the final weeks of revision

Reading
Reading and understanding texts with insight and engagement

Developing and sustaining interpretations of writers’ ideas and perspectives

Understanding and making some evaluation of how writers use linguistic and structural devices to achieve their effects

Writing
Communicating clearly and appropriately, using and adapting forms for different readers and purposes

Organising ideas into sentences, paragraphs and whole texts using a variety of linguistic and structural features

Using a range of sentence structures effectively, with accurate punctuation and spelling

IGCSE English Language

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	CAIE and Edexcel (Pearson)	
Length of Course	20 hours	
Times	9am to 1pm or 2pm to 6pm	

This course provides help with skills useful for the various IGCSE English Language exams in their current formats. The course will utilise exercises taken from a variety of examination papers with the aim of meeting the needs of all those who enrol.

The following areas will be covered. The length of time spent on each one may vary slightly from the following outline in order to take into account, the specific needs of students within a particular group.

Different types of exam question
An explanation of the different formats of the papers

Exam technique/Essay skills
Timing and structure

What examiners are looking for
The different assessment objectives will be explained

Non-literary and media comprehensions
Analysing language and arguments
Summarising

Writing from a stimulus
Using specified forms (e.g. diary, letter, talk, leaflet)

Revision tips
Preparing for the exams, advice for the final weeks of revision

Reading
Reading and understanding texts with insight and engagement

Developing and sustaining interpretations of writers’ ideas and perspectives

Understanding and making some evaluation of how writers use linguistic and structural devices to achieve their effects

Writing
Communicating clearly and appropriately, using and adapting forms for different readers and purposes

Organising ideas into sentences, paragraphs and whole texts using a variety of linguistic and structural features

Using a range of sentence structures effectively, with accurate punctuation and spelling

IGCSE/GCSE English Literature

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
Boards	All boards	
Length of Course	4 hours per text	
Times	2pm to 6pm daily	

The different requirements of the various exam boards make it impossible to offer one course suitable for everyone. The texts offered here have been selected on the basis of their popularity across the spectrum of exam boards. Each text or poetry session is four hours in length and will cover essay technique for the various types of GCSE question, i.e. passage-based essays, discursive essays, imaginative essays, etc.

The texts are not taught on a board specific basis but it is vital that we know which board is being studied in order to ensure that the appropriate past papers are used.

Please indicate the examination board on the registration form.

Please note that whilst we can give supplementary help with understanding texts studied for coursework we cannot help with the coursework pieces themselves. To do so would be to interfere with work that must be vouched for as the student's own by their regular teacher.

The timetable will be as follows:

Week One		
Monday 25 March	2–6pm	<i>Picnic at Hanging Rock</i>
Tuesday 26 March	2–6pm	<i>An Inspector Calls</i>
Wednesday 27 March	2–6pm	<i>Jekyll and Hyde</i>
Thursday 28 March	2–6pm	<i>Of Mice and Men</i>
Friday 29 March	2–6pm	<i>Macbeth</i>
Week Two		
Monday 1 April	2–6pm	<i>Macbeth</i>
Tuesday 2 April	2–6pm	<i>An Inspector Calls</i>
Wednesday 3 April	2–6pm	<i>Ted Hughes - selected poems</i>
Thursday 4 April	2–6pm	<i>Twelfth Night</i>
Friday 5 April	2–6pm	<i>Romeo and Juliet</i>

*N.B. Other texts may be available on request.
Please contact the GCSE Course Director to discuss your requirements on 0207 835 1355.*

GCSE French

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	All Boards	
Length of Course	20 hours	
Times	2pm to 6pm daily	

The course offers students the opportunity to revise GCSE topic areas and practise their listening and reading skills in preparation for the two final papers.

A good lexical knowledge is essential in listening and reading tasks. As a consequence, particular attention is given to the revision of key vocabulary related to the topic areas listed below.

Grammar rules are also given consideration insofar as understanding that syntax has an impact on performance in comprehension tasks. Translation practice is also given special attention in the revision sessions.

Students are set past papers on a daily basis, so that they practise their listening and reading skills in exam-style conditions, focusing on the techniques needed to deal with the specific tasks set at GCSE level.

Common topic areas for listening and reading papers:

Out and about

Tourist information and local amenities

Accommodation

Transport and directions

Customer service and transactions

Cafés and restaurants

Shops

Dealing with problems

Personal information

General interests and leisure activities

Family and friends

Lifestyle

Future plans, education and work

Simple ICT language

Simple job advertisements and applications

School and college

Work experience

IGCSE French

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	All Boards	
Length of Course	20 hours	
Times	9am to 1pm daily	

The course provides a structured and systematic revision of the essential IGCSE topic areas, vocabulary and grammar. Students are given plenty of opportunities to practise all linguistic skills (listening, reading, writing and speaking) by completing past papers.

Each day focuses on one topic area and its sub-topics. Vocabulary is revised and grammar rules are explained and put into practice, in the context of the topic under consideration. Students are set listening, reading, writing and speaking tasks which are taken from past papers and also relate to the topic of the day. Advice is given on exam requirements and techniques. Translation practice is also given special attention in the revision sessions.

Aspects of grammar covered:

- Articles
- Adjectives (gender and number agreement, position, comparisons)
- Verbs (present tense, perfect tense, imperfect tense, future)
- Pronouns (relative, personal)

For more advanced students:

- Conditional and If clauses
- Use of infinitive
- Passive

Main topic areas and sub-topics:

Home and Abroad

Life in the town and in the country

Travel and holidays

Everyday life and traditions in French communities

Education and employment

School

Work and future plans

House, home and daily routine

Types of home and helping around the house

Family and friends

Food and drinks

The modern world and the environment

The media and ICT

Environmental and social issues

Social activities, fitness and health

Free time (hobbies, sport activities, special occasions)

Accidents, common ailments and health issues

IGCSE Geography Edexcel (Pearson)

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	Edexcel (Pearson)	
Length of Course	4 hours per topic	
Times	9am to 1pm daily or 2pm to 6pm daily	

Our Geography revision programme for IGCSE is modular in structure. To produce a bespoke revision course students simply select the topics they require help with and indicate what they are on the registration form. Extensive use will be made of relevant past questions and time will be devoted to developing practical skills such as those of map and photograph interpretation.

Paper 1: Physical Geography

1 River environments

The hydrological cycle; river regimes; river processes; river landforms; uses of water; water quality; causes of flooding; management of rivers.

2 Coastal environments

Coastal processes, coastal landforms, coastal ecosystems, coastal conflicts, coastal flooding, coastal management.

3 Hazardous environments

Characteristics, distribution, measurement, causes, and impacts of earthquakes, volcanic eruptions and tropical storms; reasons why people live in hazardous areas; reasons why some countries are more vulnerable to hazards than others; management of earthquakes.

Paper 2: Human Geography

4 Economic activity and energy

Changes in economic sectors over time; informal employment; population theories; global variations in energy demand and production; renewable and non-renewable resources; sustainable energy.

5 Rural environments

Distribution and characteristics of biomes; goods and services provided by ecosystems; impact of humans on ecosystems; characteristics of a rural environment; rural changes in developing and developed countries; diversification of farming; improving life in rural areas.

6 Urban environments

Urbanisation; megacities; rapid urbanisation; factors affecting urban land use patterns; urban challenges in developed and developing countries; development of the rural-urban fringe; improving life in urban areas.

7 Fragile environments and climate change

Causes, impacts, and management of desertification, deforestation, and climate change.

IGCSE Geography Edexcel (Pearson) (continued)

8 Globalisation and migration

Rise of the global economy, role of global institutions in the global economy; impacts of globalisation; push and pull factors for migrants; impacts of migration; management if migration; impacts of tourism; management of tourism.

9 Development and human welfare

Defining development; factors affecting development; measuring development; patterns of development; impact of uneven development; impact of development on birth and death rates; management of development.

Each module will be offered at the following times:

Monday	am Topic 1	pm Topic 2
Tuesday	am Topic 3	pm Topic 4
Wednesday	am Topic 5	pm Topic 6
Thursday	am Topic 7	pm Topic 8
Friday	am Topic 9	

N.B. We do not cover Section B of either exam paper (fieldwork-related questions).

If you wish to take an Easter Revision course in Edexcel A or OCR, please contact MPW.

GCSE Geography AQA

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	AQA	
Length of Course	4 hours per topic	
Times	9am to 1pm daily or 2pm to 6pm daily	

Our Geography revision programme for IGCSE is modular in structure. To produce a bespoke revision course students simply select the topics they require help with and indicate what they are on the registration form. Extensive use will be made of relevant past questions and time will be devoted to developing practical skills such as those of map and photograph interpretation.

Paper 1: Living in the Physical Environment

A. Tectonic Hazards, Weather Hazards

Plate tectonic theory; distribution of earthquakes and volcanoes; causes, impacts, and responses to tectonic hazards; reasons why people live in hazardous areas.

General atmospheric model; causes and structure of tropical storms; impact of climate on tropical storms; impacts and responses to tropical storms; weather in the UK.

B. Climate change, Ecosystems & Tropical rainforests

Evidence of climate change; causes, impacts and management of climate change.

Interrelationships within a UK ecosystem; balance within components of an ecosystem; distribution and characteristics of large-scale ecosystems.

Characteristics of a rainforest; interdependence of climate, water, soil, plants, animals and people; adaption of plants and animals; biodiversity; causes, impacts, and management of deforestation.

C. Hot deserts

Characteristics of hot deserts; interdependence of climate, water, soil, plants, animals and people; adaption of plants and animals; biodiversity; development in hot deserts, causes and management of desertification.

D. Cold Environments

Characteristics of cold environments; interdependence of climate, water, soil, plants, animals and people; adaption of plants and animals; biodiversity; development of cold environments; value of cold environments; strategies to manage cold environments.

E. Coastal landscapes

Coastal processes; coastal landforms; coastal management.

F. River landscapes

River processes, river landforms, hydrographs, river management.

G. Glacial landscapes

Glacial processes, glacial landforms, economic activities in upland areas; conflicts in glaciated areas; tourism in glaciated areas.

GCSE Geography AQA (continued)

Paper 2: Challenges in the Human Environment

H. Urban issues and challenges

Urban trends; urbanisation; megacities; urban growth in LIC cities; urban planning in LIC cities; urban change in UK cities; regeneration; urban sustainability.

I. The changing economic world

Measures of development; link between DTM and development; causes and consequences of uneven development; strategies to reduce the development gap; a case study of an LIC to illustrate its changing industrial structure, the role of TNCs in relation to its development, its changing relationships with the wider world, impacts of aid, impact of its economic development; changes to employment patterns and regional growth in the UK.

J. The challenge of resource management

The significance of food, water and energy to human development; the changing demand and provision of resources in the UK; global patterns and impacts of food insecurity; strategies to increase food supply; global patterns and impacts of water scarcity; strategies to increase water supply; global patterns and impacts of energy insecurity; strategies to increase energy supply.

Each module will be offered at the following times:

Monday	am Topic A	pm Topic B
Tuesday	am Topic C	pm Topic D
Wednesday	am Topic E	pm Topic F
Thursday	am Topic G	pm Topic H
Friday	am Topic I	am Topic J

IGCSE German

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	All Boards	
Length of Course	20 hours	
Times	2pm to 6pm daily	

The course provides a structured and systematic revision of the essential IGCSE topic areas, vocabulary and grammar. Each day will involve practice in all four IGCSE skills (listening, speaking, reading and writing) related to a specific section of the syllabus. German will be used as much as possible in order to consolidate the students’ awareness of the rubrics they will face in the IGCSE examination. Translation practice is also given special attention in the revision sessions.

The following aspects of grammar will be covered:

- Articles
- Cases and case endings
- Adjectives (gender and number agreement, position, comparisons)
- Nouns
- Verbs (present tense, perfect tense, imperfect tense, future)
- Pronouns (relative, personal, possessive)
- Sentence Structure

For more advanced students:

- Conditional and If clauses
- Use of the infinitive
- Passive
- Prepositions, conjunctions, time

These grammatical concepts will be explained in the context of the topics and themes outlined below to help students become adept at using them in conversational and written contexts.

The course programme is as follows:

Personal & Social Life

Myself, family and friends

Free time and social activities

Everyday Activities

Life at home

Food and drink

Health and fitness

School

The World Around Us

Home town and local area

The environment and society

The World of Work

Further education and work

Language and communication in the work place

The International World

Travel at home and abroad

World events and issues

If you are taking GCSE German please contact us and a separate course may be created subject to demand.

IGCSE History CAIE

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	Specification designed for CAIE History syllabus	
Length of Course	4 hours per module	
Times	9am to 1pm and 2pm to 6pm daily	

MPW offers a modular revision course for Modern Twentieth Century syllabuses. These half-day modules are relevant for those studying IGCSE CAIE. In order to combine History with another subject in the same week, please note the times and days of each module, which will be the same each week. We are unable to help with coursework pieces as to do so would be to interfere with work that must be vouched for as the student’s own by their regular teacher.

Only the topics listed below will be covered, though others may be available on request. If you require a history module not listed below, please contact a Course Director.

Topic Module A: Germany 1918-45

Versailles and Weimar

The Rise of Hitler

The Nazi Regime

Germany and Total War

Topic Module B: Russia 1905-41

1917: The Year of Revolutions

Lenin, Trotsky and Stalin

Collectivisation and Industrialisation

Stalinism and the Purges

Topic Module C: International Relations 1919-39

Versailles

The League of Nations

The Origins of the Second World War

Topic Module D: International Relations since 1945

The Cold War 1945-49

The Cuban Missile Crisis

The Vietnam War

Topic Module E: USA 1919-41

The Roaring Twenties

The Wall Street Crash

The Depression

Roosevelt and the New Deal

In the case of topics that are duplicated in the morning and afternoon, students only have to attend one of the sessions.

Each module will be offered at the following times:

Monday	am Topic B	pm Topic A
Tuesday	am Topic A	pm Topic B
Wednesday	am Topic C	pm Topic E
Thursday	am Topic D	pm Topic C
Friday	am Topic E	pm Topic D

It is essential that students list on the registration form the modules they wish to study and the syllabus they have covered.

IGCSE History Edexcel (Pearson)

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	Edexcel (Pearson)	
Length of Course	4 hours per module	
Times	9am to 1pm and 2pm to 6pm daily	

MPW offers a modular revision course for Modern Twentieth Century syllabuses. These half-day modules are relevant for those studying IGCSE Edexcel. In order to combine History with another subject in the same week, please note the times and days of each module, which will be the same each week. We are unable to help with coursework pieces as to do so would be to interfere with work that must be vouched for as the student’s own by their regular teacher.

Only the topics listed below will be covered, though others may be available on request. If you require a history module not listed below, please contact a Course Director.

Paper 1: Depth Studies Paper code 4HI1/01

P1 Topic A:

Germany: development of dictatorship, 1918–45

The establishment of the Weimar Republic and its early problems

The recovery of Germany, 1924–29

The rise of Hitler and the Nazis to January 1933

Nazi Germany 1933–39

Germany and the occupied territories during the Second World War

P1 Topic B:

Dictatorship and conflict in the USSR, 1924–53

The leadership struggle, 1924–29

Five-year Plans and collectivisation

Purges, show trials, the cult of Stalin and the revision of history

Life in the Soviet Union, 1924–41

The Second World War and after, 1941–53

P1 Topic C:

A world divided: superpower relations, 1943–72

Reasons for the Cold War

Early developments in the Cold War, 1945–49

The Cold War in the 1950s

Three crises: Berlin, Cuba and Czechoslovakia

The Thaw and moves towards Détente, 1963–72

P1 Topic D:

A divided union: civil rights in the USA, 1945–74

The Red Scare and McCarthyism

Civil rights in the 1950s

The impact of civil rights protests, 1960–74

Other protest movements: students, women, anti-Vietnam

President Nixon and Watergate

IGCSE History Edexcel (Pearson) (continued)

**Paper 2: Investigation and Breadth Studies Paper
code 4HI1/02***

**P2 Topic A1:
Russia and the Soviet Union, 1905–24**

Tsarist rule in Russia, 1905–14

Opposition to Tsarist rule 1914–17: the impact of war and the February Revolution

Provisional Government and the Bolshevik Revolution

The Bolshevik consolidation of power and the Civil War

War Communism and the New Economic Policy (NEP)

**P2 Topic A2:
The USA, 1918–41**

The Roaring Twenties

Increased social tensions in the 1920s

The USA in Depression, 1929–33

Roosevelt and the New Deal, 1933–41

The Opposition to the New Deal

**P2 Topic A3:
The Vietnam Conflict, 1945–75**

The struggle against France for independence, 1945–54

US policy and intervention, 1954–64

Confrontation in the Vietnam War, escalation 1964–68

Presidents Nixon and Ford’s policies – Vietnamisation, peace and Communist victory, 1969–75

The impact of conflict on civilians in Vietnam and attitudes in the USA

Each topic will be offered at the following times:

Monday	am P1 Topic A	pm P2 Topic A1
Tuesday	am P1 Topic B	pm P2 Topic A2
Wednesday	am P1 Topic C	pm P1 Topic A
Thursday	am P1 Topic D	pm P2 Topic A2
Friday	am P2 Topic A1	pm P2 Topic A3

It is essential that students list on the registration form the paper (either P1 or P2) and associated topics they wish to study, and the syllabus they have covered.

GCSE Italian

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	All Boards	
Length of Course	20 hours	
Times	2pm to 6pm daily	

The course offers students the opportunity to revise GCSE topic areas and practise their listening and reading skills in preparation for the two final papers.

A good lexical knowledge is essential in listening and reading tasks. As a consequence, particular attention is given to the revision of key vocabulary related to the topic areas listed below.

Grammar rules are also given consideration insofar as understanding the syntax has an impact on performance in comprehension tasks. Translation practice is also given special attention in the revision sessions.

Students are set past papers on a daily basis, so that they practise their listening and reading skills in exam-style conditions, focusing on the techniques needed to deal with the specific tasks set at GCSE level.

Common topic areas for listening and reading papers:

Out and about

Tourist information and local amenities

Accommodation

Transport and directions

Customer service and transactions

Cafés and restaurants

Shops

Dealing with problems

Personal information

General interests and leisure activities

Family and friends

Lifestyle

Future plans, education and work

Simple ICT language

Simple job advertisements and applications

School and college

Work experience

If you are taking IGCSE Italian, please contact us and a separate course may be created, subject to demand.

GCSE Latin

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	OCR	
Length of Course	20 hours	
Times	9am to 1pm daily	

The principal focus is on translation skills, supported by revision of vocabulary, grammar and sentence construction.

Study for the majority of the course is centred upon translating unseen passages of Latin. Students will be tested in detail each day on the passage they have studied the previous day to ensure that they have a full grasp of the syntax, accidence and grammatical structures. The remaining time is given to workshops in which students will be given help, with their set texts and looking at the literature and culture aspect of the course. Again, the emphasis is on translation of the original Latin, but within an overall understanding of these prescribed texts.

Prose B

From *Cambridge Latin Anthology*: *sagae Thessalae* lines 1–96, (*iuvenis ... obtexi*) *personae non gratae* Pythius

Oxford Latin Anthology: Conflict and conquest; Bravery and strategy in battle; Inspiration for the fight, lines 1–37 (*Boudicca ... finivit*); Marital Conflict

Verse

Virgil, *Aeneid*, 6.295–316, 384–416, 679–712, 752–759, 788–800 (*Oxford Classical Text*)

Cambridge Latin Anthology: *Echo et Narcissus*: lines 1–82, (*aspicit ... albis*); *amor*: How many kisses? Conflicting emotions; Love will not let the poet sleep

The alternative texts can be offered should students require it.

GCSE Maths Higher Tier

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	All Boards	
Length of Course	20 hours	
Times	9am to 1pm or 2pm to 6pm daily	

The emphasis given to each topic will vary according to the strengths and weaknesses of the students in the groups and the syllabuses for which they have been taught. It is therefore important that students give as much detail as possible on the questionnaire about their syllabus and any specific areas of difficulty. Non-Calculator work will also be undertaken, as this skill forms part of the assessment criteria.

The main topic areas covered will include:

1-2 Number and Algebra

- Non-Calculator Methods
- Simultaneous Equations
- Completing the Square (Turning Points)
- Iteration & Numerical Methods
- Sequences and Series
- Graphical Solution of Equations
- Functions (Composite & Inverse)

- Linear Equations
- Quadratic Equations
- Inequalities
- Equation of Straight Lines
- Surds and Indices
- Area under a Curve
- Transformation of Functions

3 Ratio, Proportion and Rates of Change

- Percentages
- Ratio and Proportion
- Gradients to Curves
- Rates of Change
- Direct and Inverse Proportion
- Growth & Decay

4 Geometry and Measures

- Angle Properties
- Polygons
- Vectors
- Equation of a Circle
- Pythagoras' Theorem
- Sine and Cosine Rules
- Standard Angles (0, 30, 45, 60, and 90)
- Parallel Line Theorems
- Circle Theorems
- Transformations
- Areas and Volumes
- Trigonometry (Sin, Cos, Tan)
- 3D Trigonometry

5-6 Probability and Statistics

- Types of Average (Mean, Mode and Median)
- Constructing & Interpreting Statistical Diagrams
- Probability Rules
- Venn Diagrams applied to Probability
- Frequency Tables & Cumulative Frequency
- Frequency Density
- Probability Tree Diagrams

IGCSE Maths Higher Tier

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	Edexcel (Pearson)	
Length of Course	20 hours	
Times	9am to 1pm or 2pm to 6pm daily	

The emphasis given to each topic will vary according to the strengths and weaknesses of the students in the groups and the syllabuses for which they have been taught. It is therefore important that students give as much detail as possible on the questionnaire about their syllabus and any specific areas of difficulty. Working without calculators will also be practised as this skill forms part of the assessment criteria.

The main topic areas are as follows:

AO1 (Number & Algebra)

- Powers & Roots
- Algebraic Expressions and Manipulation
- Linear, Quadratic and Simultaneous Equations
- Algebraic Fractions
- Equation of Straight Lines
- Functions (including Transformations)
- Set Theory
- Surds
- Standard Form
- Rearranging Formulae
- Inequalities
- Direct & Inverse Proportion
- Graphs and Curve plotting
- Differential Calculus
- Arithmetic Series
- Completing the Square

AO2 (Shape, Space and Measures)

- Basic Geometric Principles
- Simple Trigonometry
- Sine and Cosine Rules
- Circle Theorems
- Vector Geometry
- Polygons
- Perimeter, Area and Volume
- Similar Figures
- 3D problems
- Simple Geometric Transformations
- Coordinate Geometry

AO3 (Handling Data)

- Measures of Average and Spread for Raw and Grouped Data
- Cumulative Frequency Graphs
- Histograms and Frequency Density
- Probability and Tree Diagrams

IGCSE Physics

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	Based on Edexcel (Pearson) specification	
Length of Course	20 hours	
Times	2pm to 6pm daily	

The course examines key topic areas and extensive use will be made of previous questions to illustrate relevant principles. The course will focus on exam technique and relating principles to applications. It will not be suitable for students studying IGCSE Double Award or for those studying Additional Science.

The course will cover the following topics:

Forces and Motion

- Movement and Position
- Forces, Movement, Shape and Momentum
- Astronomy

Electricity

- Mains electricity
- Energy and potential difference in circuits
- Electric charge

Waves

- Properties of waves
- The electromagnetic spectrum
- Light and sound

Energy resources and energy transfer

- Energy transfer
- Work and power
- Energy resources and electricity generation

Solids, liquids and gases

- Density and pressure
- Change of state
- Ideal gas molecules

Magnetism and electromagnetism

- Magnetism
- Electromagnetism

Radioactivity and particles

- Radioactivity
- Nuclear Fission and Fusion

Astrophysics

- Motion in the universe
- Stellar evolution
- Cosmology

Physics GCSE AQA

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	AQA 8463	
Length of Course	20 hours	
Times	9am to 1pm daily	

<p>This course is suitable only for students studying single GCSE Physics with AQA (8463). It is not suitable for those students studying AQA Science or Additional Science or Physics specifications with other exam boards. This award for this specification is graded on the new 9-1 scale.</p> <p>Please note that students can be entered for either higher tier or foundation tier exams for this specification. This course will be delivered to higher tier standard.</p>	
Energy	<ul style="list-style-type: none">Energy changes in a system, and the ways energy is stored before and after such changesConservation and dissipation of energyNational and global energy resources
Electricity	<ul style="list-style-type: none">Current, potential difference and resistanceDomestic uses and safetySeries and parallel circuitsEnergy transfersStatic electricity
Particle model of matter	<ul style="list-style-type: none">Changes of state and the particle modelParticle model and pressureInternal energy and energy transfers
Atomic structure	<ul style="list-style-type: none">Atoms and isotopesHazards and uses of radioactive emissions and of background radiationAtoms and nuclear radiationNuclear fission and fusion
Forces	<ul style="list-style-type: none">Forces and their interactionsPressure and pressure differences in fluidsWork done and energy transferForces and motionForces and elasticityMomentumMoments, levers and gears
Waves	<ul style="list-style-type: none">Waves in air, fluids and solidElectromagnetic wavesBlack body radiation
Magnetism and electromagnetism	<ul style="list-style-type: none">Permanent and induced magnetism, magnetic forces and fieldsInduced potential, transformers and the National GridThe motor effect
Space physics	<ul style="list-style-type: none">Solar system;SatellitesStability of orbital motions;Red-shift
Key ideas	

IGCSE Spanish

Dates Available	Week 1	25 March – 29 March
	Week 2	1 April – 5 April
	Week 3	8 April – 12 April
Boards	All Boards	
Length of Course	20 hours	
Times	2pm to 6pm daily	

<p>The course offers students the opportunity to revise IGCSE topic areas and practise their listening and reading skills in preparation for the two final papers.</p> <p>A good lexical knowledge is essential in listening and reading tasks. As a consequence, particular attention is given to the revision of key vocabulary related to the topic areas listed below.</p> <p>Grammar rules are also given consideration insofar as understanding that syntax has an impact on performance in comprehension tasks. Translation practice is also given special attention in the revision sessions.</p> <p>Students are set past papers on a daily basis, so that they practise their listening and reading skills in exam-style conditions, focusing on the techniques needed to deal with the specific tasks set at IGCSE level.</p> <p>Common topic areas for listening and reading papers:</p>	<p>Customer service and transactions</p> <ul style="list-style-type: none">Cafés and restaurantsShopsDealing with problems
<p>Out and about</p> <ul style="list-style-type: none">Tourist information and local amenitiesAccommodationTransport and directions	<p>Personal information</p> <ul style="list-style-type: none">General interests and leisure activitiesFamily and friendsLifestyle
	<p>Future plans, education and work</p> <ul style="list-style-type: none">Simple ICT languageSimple job advertisements and applicationsSchool and collegeWork experience
<p><i>If you are taking GCSE Spanish please contact us and a separate course may be created subject to demand.</i></p>	



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