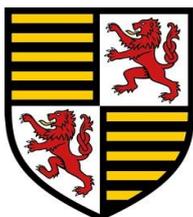


Warminster School Accelerated GCSE Programme Prospectus 2019 – 2020



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General Information

The aim of this booklet is to inform pupils and parents about the Accelerated GCSE Programme curriculum (a one year GCSE course or pre-Sixth Form course or pre-IB course).

All pupils will follow courses to IGCSE/GCSE level in the core subjects of English, Mathematics and two Science subjects, devoting half of their study time to these key areas. Pupils will study for an English Language IGCSE, either as a 1st language or as a 2nd language, depending on ability and requirements. They will study for a Mathematics IGCSE, and the most able will have the opportunity to sit exams for a further qualification in Further Mathematics as well. Pupils will follow a Science programme leading to the award of two GCSEs with pupils opting to choose two from Biology, Chemistry and Physics. Pupils will also be prepared for an IGCSE in their own language. History or Statistics will also be taken as an additional subject. Information about these and all other courses is set out in detail later in this prospectus. In addition they will join the rest of their peers for tutorials, Games and the wider co-curricular programme.

A full Learning Support programme will be available, as required. Any additional language support can also be provided.

In summary, pupils will therefore take at least six IGCSE/GCSEs (or their equivalents):
English IGCSE (as a 1st Language or 2nd Language, depending on ability/requirements),
Mathematics IGCSE,
Two Science GCSEs,
an IGCSE in their own language,
History or Statistics IGCSE.

Exceptionally able pupils may perhaps also have the opportunity to take a Further Mathematics qualification (AQA Level 2 Certificate in Further Mathematics).

Wherever possible, the lessons will be with the existing Year 11 pupils.

Mr M Sully
January 2019

English IGCSE

Cambridge IGCSE **First** Language English Syllabus code 0500

The Cambridge IGCSE offers flexibility in terms of choice of texts and will stretch and challenge our most able students.

The aims are to:

- enable students to communicate accurately, appropriately and effectively in speech and writing
- enable students to understand and respond appropriately to what they hear, read and experience
- encourage students to enjoy and appreciate a variety of language
- complement students' other areas of study by developing skills of a more general application (e.g. analysis, synthesis, drawing of inferences)
- promote students' personal development and an understanding of themselves and others.

All students take Paper 2 and either Paper 3 or Component 4:

Paper 2: Reading Passages (Extended) 2 hours

Candidates answer three questions on two passages of 600–700 words each, linked by a common theme. (50% of total marks).

and either:

Paper 3: Directed Writing and Composition 2 hours

Candidates answer one question on a passage or passages totalling 700–800 words.

Candidates also answer one composition task from a choice of 6 titles.

(50% of total marks)

or

Component 4: Coursework Portfolio

Candidates submit three assignments, each of 500–800 words.

(50% of total marks)

Miss E Mears (Head of English)

IGCSE English as a Second Language (E2L)

Edexcel IGCSE English as a Second Language – 4ESI/01, 02 & 03

Edexcel IGCSE English as a Second Language is accepted by universities and employers as proof of ability to understand and communicate in English. It is aimed at pupils whose first language is not English but who use it as a language of study. Candidates who are awarded 5 to 9 in Edexcel IGCSE E2L are well prepared to follow A Level (or similar) courses.

At the end of the course, pupils should have:

- an understanding of a wide variety of complex reading texts
- an understanding of standard spoken language
- the ability to write clear, well-structured texts using the appropriate style
- the ability to express themselves fluently and appropriately in a range of speaking contexts
- the skills necessary for further study or employment
- an understanding of the nature of language in different cultural contexts

Paper 1: Reading and Writing – 4ESI/01

2 hour examination worth 66 $\frac{2}{3}$ % of the total marks for the IGCSE E2L, which will assess reading and writing skills in separate exercises. Total marks available is 100: 50 marks for reading and 50 marks for writing.

Paper 2: Listening – 4ESI/02

45 minute examination worth 33 $\frac{1}{3}$ % of the total marks for the IGCSE E2L, which will assess your understanding of spoken English in a range of different situations. Total marks available: 40 marks.

Paper 3: Speaking (optional but highly recommended) – 4ESI/03

Approximately 12 minute speaking test, which assess your communication skills through a recorded interview between you and an interlocutor. Total marks available: 20 marks.

Mrs S Shanks (Head of EAL)

Mathematics IGCSE

(Exam Board - Edexcel)

Assessment

Students are entered for assessment at higher tier.

Assessment consists of two written examination papers taken in the Summer term; there is no controlled assessment.

Further details are as follows;

Paper 1	Written exam (calculator)	2 hrs (higher)	50%
Paper 2	Written exam (calculator)	2 hrs (higher)	50%

Outline of the course

<ul style="list-style-type: none">Using and Applying Mathematics	<ul style="list-style-type: none">Shape, Space and Measures
<ul style="list-style-type: none">Number and Algebra	<ul style="list-style-type: none">Handling Data

Fundamental concepts are addressed and it is usually during this part of the course that pupils begin to appreciate the reasoning behind the methods they use. As the pupils mature they learn how topics and skills, they were introduced to earlier, can be developed to cope with a greater range of problems. The context in which skills are applied becomes wider and pupils are encouraged to recognise the connections between concepts. As pupils prepare for the written papers, they learn how to identify problems quickly and to solve them by co-ordinating several skills within the one solution.

Assessment objectives

All assessments address the following three assessment objectives. These refer to mathematical skills that demand an increasing level of mathematical competence. For example, AO1 would refer to problems which do not require a great deal of independent thought. AO3 is one where the ability to choose methods and evaluate the validity of those methods would be demonstrated, which requires a higher level of mathematical ability.

	Overall
AO1: recalling and using knowledge of the prescribed content	45-55% of questions
AO2: selecting and applying mathematical methods in a range of contexts	25-35% of questions
AO3: interpreting and analysing problems and generating strategies to solve them	15-25% of questions

Textbooks

Students will all work from the Higher Sets book.

Resources

In addition to the textbook issued to each pupil, there are occasions when additional resources are used. Materials for practical work, video and software packages for graph-plotting and algebraic manipulation are available. We now use a program called MyMaths alongside traditional resources which should really benefit the students. Pupils can also develop their I.T. skills when problems may be investigated with the help of a spreadsheet or database.

Additional qualification

All students will take the IGCSE examinations in the Summer Term of Y11, however if we feel that a student is coping particularly well with the work then there is the option of an additional qualification. This qualification is the AQA Level 2 Certificate in Further Maths which is an IGCSE equivalent qualification. Only those that we feel will excel on the one year course will be suitable for this. A decision regarding entry for this course will not be made until a student has been assessed by our Maths staff.

Mr A Hill (Head of Mathematics)

Sciences

Exam Boards – AQA GCSE and Pearson Edexcel GCSE

GCSE study in the sciences provides the foundation for understanding the material world. Scientific understanding is changing our lives and is vital to the world's future prosperity. All pupils should learn essential aspects of the knowledge, methods, processes and uses of science. They should gain appreciation of how the complex and diverse phenomena of the natural world can be described in terms of a small number of key ideas that relate to the sciences and that are both inter-linked and of universal application.

At Warminster we put the interests of each individual pupil first and foremost and in partnership we strive to add value to attainment potential. In our KS4 GCSE programme we offer courses in:

Pearson Edexcel Level 1/Level 2 GCSE (9 - 1): Biology (1BI0)

Pearson Edexcel Level 1/Level 2 GCSE (9 - 1): Chemistry (1CH0)

AQA GCSE: Physics (8643)

Details of the above courses can be obtained from the AQA and Edexcel web sites at

AQA: <http://www.aqa.org.uk/subjects/science/gcse/physics-8463/introduction>

Edexcel: <https://qualifications.pearson.com/en/qualifications/edexcel-gcse/sciences-2016.html>

Warminster School has available the most appropriate qualifications that are 'inclusive for all'. Our programme and delivery structure offers unprecedented versatility in terms of GCSE certification routes. GCSE grading is by number: 9-1 for separate sciences with Grade 9 being above a previous A* standard. A level 5 is considered to be comparable to a previous, high GCSE grade C. Foundation tier covers grades 1-5 and Higher tier exam entries cover grades 4-9. There is no controlled assessment (coursework) element but written examination papers contain questions on practical science that build on a series of Core Practicals undertaken by all pupils. In the examination papers, pupils are also assessed on their use of mathematical skills. A minimum of 10% of marks test mathematics skills in the Biology papers, this rises to 20% in Chemistry and for Physics it is 30%. In Foundation tier papers, mathematics skills are tested up to KS3 standard and in the Higher tier papers mathematics skills are tested up to Level 1 GCSE Mathematics. Teaching in each science is undertaken by subject specialists.

Accelerated GCSE pupils must choose two sciences to study prior to entry to the school. Higher and Foundation tier exam entries are available for each GCSE science studied. Mock examination results in January 2019 will determine which tier entries (Higher or Foundation) are most appropriate for each pupil in order for them to get the highest grade number outcome.

Dr D R Hankey
Head of Science

Biology Pearson Edexcel GCSE

This Pearson Edexcel GCSE (9–1) qualification has been designed to foster an interest and fascination for Biology. It is designed to help pupils develop curiosity about the natural world, and to enable them to appreciate the value of Biology to everyday life. We hope that our pupils are inspired, motivated and challenged. The examination consists of two externally examined papers. These are available at foundation tier and higher tier.

Papers 1 and 2:

- Both assessments are 1 hour and 45 minutes long, are out of 100 marks each, and consist of ten questions. Students must answer all questions.
- Both will include multiple-choice, short answer questions, calculations and extended open-response questions.
- Both are available at foundation tier and higher tier.
- The foundation tier paper will target grades 1–5.
- The higher tier paper will target grades 4–9.
- 27 marks on each paper will be overlap questions that appear in both the foundation and higher tier papers.

Content assessed in Paper 1

- Topic 1 – Key concepts in Biology
- Topic 2 – Cells and control
- Topic 3 – Genetics
- Topic 4 – Natural selection and genetic modification
- Topic 5 – Health, disease and the development of medicines

Content assessed in Paper 2

- Topic 1 – Key concepts in Biology
- Topic 6 – Plant structures and their functions
- Topic 7 – Animal coordination, control and homeostasis
- Topic 8 – Exchange and transport in animals
- Topic 9 – Ecosystems and material cycles

Working scientifically

The GCSE in Biology requires pupils to develop the skills, knowledge and understanding of working scientifically. Working scientifically will be assessed through examination and the completion of the eight core practicals.

Practical work

In addition to routine and suggested practical work, pupils must carry out eight mandatory core practicals, which can be examined in the written papers. Pupils use lab books to record their practical work.

Progression

Pupils can progress from this qualification to:

- A-level and IB courses in Biology
- Level 3 vocational qualifications in science, for example BTEC Level 3 in Applied Science
- Employment, for example in a science-based industry where an Apprenticeship may be available.

Dr M Martin

Head of Biology

Edexcel GCSE: Chemistry

The Pearson Edexcel Level 1/Level 2 GCSE (9–1) in Chemistry is a world class qualification. Examination assessment consists of two externally marked papers. These are available at foundation tier and higher tier. Pupils must complete all assessments in the same tier and in May/June in any single year. The GCSE in Chemistry helps pupils develop intellectual curiosity, it inspires, motivates and challenges, and it equips pupils with the skills, knowledge and understanding of working scientifically in a natural science and in a central, physical science that helps to describe and explain our world.

Papers 1 and 2:

- Both assessments are 1 hour and 45 minutes long, are out of 100 marks each, and consist of ten questions. Pupils must answer all questions.
- Both include multiple-choice, short answer questions, calculations and extended open-response questions.
- The foundation tier paper targets grades 1–5, the higher tier paper targets grades 4–9.
- 27 marks on each paper will be from overlap questions that appear in both the foundation and higher tier papers.

Content assessed in Paper 1

- Topic 1 – Key concepts in chemistry
- Topic 2 – States of matter and mixtures
- Topic 3 – Chemical changes
- Topic 4 – Extracting metals and equilibria
- Topic 5 – Separate chemistry 1

Content assessed in Paper 2

- Topic 1 – Key concepts in chemistry
- Topic 6 – Groups in the periodic table
- Topic 7 – Rates of reaction and energy changes
- Topic 8 – Fuels and Earth science
- Topic 9 – Separate chemistry 2

Working scientifically

The GCSE in Chemistry requires pupils to develop the skills, knowledge and understanding of working scientifically. Working scientifically will be assessed through examination and the completion of the eight core practicals.

Practical work

In addition to routine and suggested practical work, pupils must carry out eight mandatory core practicals, which can be examined in the written papers. Pupils use lab books to record their practical work.

Progression

Pupils can progress from this qualification to:

- A-level and IB courses in Chemistry
- Level 3 vocational qualifications in science, for example BTEC Level 3 in Applied Science
- Employment, for example in a science-based industry where an Apprenticeship may be available.

Dr. D. R. Hankey
Head of Chemistry

AQA GCSE: Physics

The AQA GCSE course in Physics is a linear qualification. A range of question types are used, including multiple choice, short answer and those that require extended responses. Extended response questions are of sufficient length to allow students to demonstrate their ability to construct and develop a sustained line of reasoning which is coherent, relevant, substantiated and logically structured. Extended responses may be prose, extended calculations, or a combination of both, as appropriate to the question.

Examination assessment consists of two externally marked papers. These are available at foundation tier and higher tier. Pupils must complete all assessments in the same tier and in in May/June in any single year.

Papers 1 and 2:

- Both assessments are 1 hour and 45 minutes long and are out of 100 marks each.
- Both include multiple-choice, short answer questions, calculations and extended open-response questions. Both are available at foundation tier and higher tier. The foundation tier paper targets grades at 1–5. The higher tier paper target grades 4–9.

Content assessed in Paper 1:

Topics 1 – 4: Energy; Electricity; Particle model of matter; and Atomic structure.

Content assessed in Paper 2:

Topics 5 – 8: Forces; Waves; Magnetism and electromagnetism; and Space physics.

Questions in Paper 2 may draw on an understanding of Energy and Electricity.

Practical assessment;

Questions in the written exams draw on the knowledge and understanding pupils have gained by carrying out practical activities. These questions count for at least 15% of the overall marks for the qualification. In addition to routine and suggested practical work, pupils must carry out 10 mandatory core practicals.

Working scientifically

GCSE Physics requires students to develop the skills, knowledge and understanding of working scientifically. Working scientifically will be assessed through examination and the completion of core practicals.

Progression

Students can progress from this qualification to:

- A-level and IB courses in Physics

- Level 3 vocational qualifications in science, for example BTEC Level 3 in Applied Science
- Employment, for example in a science-based industry where an Apprenticeship may be available.

Mr A. W. Moxham
Head of Physics

Modern Languages

French, German, Spanish (or any other native language)

Depending on the native language of the pupil, the course will follow the OCR, Edexcel or AQA syllabus.

The new GCSE qualification contains four mandatory units, which assess listening, speaking, reading and writing skills. The four skills are weighted as follows:

Listening - 20% Speaking - 30%

Reading - 20% Writing - 30%

Writing and speaking skills are assessed on the level attained in the written and spoken assessments submitted. Reading and listening skills are examined in two tiers; pupils will be entered for the Higher Tier in their native language which will allow them to access the highest grades.

Listening and reading skills are assessed in two external examinations at the end of the year.

Writing skills are assessed by means of coursework. Throughout the year of the course, a "bank" of written articles produced as coursework will be collected, from which two will finally be selected to be examples of the student's best work. These must be on two different topics and written for two different purposes and will range from 350 to 600 words over the two chosen. Coursework pieces will be completed under supervised conditions during lessons.

Oral skills are tested through the completion of two different tasks on two of the GCSE topics or topics chosen by the pupil. Each task must have a different purpose and last between 4-6 minutes and may take any form provided they include some interaction with another or other speakers.

Pupils taking a GCSE in their native language will receive advice on how to attain the highest grades with regard to the assessment criteria in the writing and speaking assessments and practise past listening and reading papers as part of their Study Skills.

The syllabus content will revolve around a study of the following areas:

- * Home and local area
- * Health and sport
- * Leisure and entertainment
- * Travel and the wider world
- * Education and work

No dictionaries will be permitted for any of the listening, speaking or reading papers, but are available during the execution of written assignments.

Mrs J Coldwell (Head of Modern Languages)

IGCSE History

Examination Board: Edexcel

(A good command of the English language is a requirement for this course).

IGCSE History provides students with the opportunity to study key historical issues and questions, enabling a crucial understanding of the world today. Pupils are given the opportunity to examine key individuals, events and developments across the 20th Century from a political, social, economic and cultural perspective, thereby encouraging an appreciation of the societies studied, and the experiences of the people in these societies.

Course Content

- **Section A**
 - *Development of Dictatorship: Germany, 1918 - 1945*
 - *A Divided Union: Civil Rights in the USA, 1945 – 1974*
 - *A World Divided: Superpower Relations, 1945 - 1962*

- **Section B: Depth Study**
 - *The USA, 1917 - 1929*

- **Section 3: Study in Change**
 - *The Changing Role of International Organisations: The League and the UN, 1919- 2000*

Assessment

- The course is assessed externally at the end of the course with one examination.
- The time allowed for the final examination is 2 hours and 30 minutes.
- The examination paper will be marked out of 100.

What skills are required to study GCSE History?

Students choosing IGCSE History should be ready to work with chronology, themes and source material. A variety of skills will be developed over the course of the GCSE, including critical analysis, independent thought and research, and good communication, both in a written and verbal form. An inquisitive mind and a keen interest in the past is a must!

Proposed Educational Visits

In addition to excellent departmental resources, an educational visit to the Imperial War Museum and Cabinet War Rooms in London is carried out to support the IGCSE examination syllabus.

History is a highly respected academic qualification which provides valuable preparation for History at A Level and for the International Baccalaureate.



Mrs J Walker
Head of History

Statistics GCSE

(Exam Board - Edexcel)

Assessment

Students are entered for assessment at higher tier.

Assessment consists of two written examination papers taken in the Summer term; there is no controlled assessment.

Further details are as follows;

Paper 1	Written exam (calculator)	1h 30 minutes (higher)	50%
Paper 2	Written exam (calculator)	1h 30 minutes (higher)	50%

Outline of the course

<ul style="list-style-type: none">• The collection of data	<ul style="list-style-type: none">• Analysing data
<ul style="list-style-type: none">• Processing, representing data	<ul style="list-style-type: none">• Probability

Assessment objectives

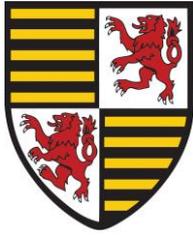
All assessments address the following three assessment objectives. These refer to mathematical skills that demand an increasing level of mathematical competence. For example, AO1 would refer to problems which do not require a great deal of independent thought. AO3 is one where the ability to choose methods and evaluate the validity of those methods would be demonstrated, which requires a higher level of mathematical ability.

	Overall
AO1: Demonstrate knowledge and understanding, using appropriate terminology, of standard statistical techniques used to collect and represent data and calculate summary statistics and probabilities.	55% of questions
AO2: Interpret statistical information and results in context and reason statistically to draw conclusions.	25% of questions
AO3: Assess the appropriateness of statistical methodologies and the conclusions drawn through the application of the statistical enquiry cycle.	20% of questions

Resources

Pupils will have access to an online version of the textbook, which is accessible from a PC or mobile device. There will also be hard copies of the textbook available during lessons and on request. Interactive resources are also available to each pupil through the Pearson Active Learn system.

Mr A Hill (Head of Mathematics)



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