


Prepare | Aspire | Succeed






Mock Exams

16th January 2023 – 20th January 2023 (Week 1) Year 12

The Cottesloe School

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Dear Student/Parents

This booklet contains instructions and guidance for the January assessments. You will also find an exam timetable and revision schedules. Please look carefully at the subject topic guide for each exam to ensure that you focus your practice appropriately.

These assessments will provide us and you with valuable data with regard to your progress in your chosen subjects and will act as a key indicator of your likely success in the end of year exams. For this reason it is important that these assessments are a true representation of your ability. Therefore, I urge you to prepare for these assessments in the same way you would for national exams.

These results will be monitored very carefully. They will inform us and support our decision-making in a number of areas:

1. That you are secure and progressing well in your subject.
2. Tracking of your grades for your UCAS offers.
3. Areas of weakness where additional support is required.
4. In extreme cases these results could be used as evidence that your programme of study is inappropriate for you.
5. Poor performance will result in a re-sit at a later date, the precise nature of which will be agreed with subject teachers.

Although this can be a stressful time, I am confident that for the vast majority of you these results will confirm that you are making excellent progress in your subjects and will boost your confidence ahead of the summer exams.

There will be a parents' evening on **Wednesday 26th April 2023** and I would urge all parents to take the opportunity to come in and discuss the implications of the results achieved.

Mr A Youngs

Mrs K Smith

Head of Sixth Form

Deputy Head of Sixth Form

Assessment Week Procedure

Year 12 Assessment week: **Week 1 commencing Monday 16th January 2023.**

During the exam period, registration will continue as normal and all students are expected to attend school as normal. Whilst timetabled lessons will continue they will be solely for the purpose of revision and preparing for exams.

Absence from Examinations

Should you be unwell on the day of an assessment, please contact **Student Absence** first thing in the morning, so that your assessment can be rescheduled for your return (contact phone number **01296 689720** or email **studentabsence@cottesloe.bucks.sch.uk** on each and every day of absence before 8:30 am).

What happens if you have an unauthorised absence from an exam

Your exams are extremely important and it is vital that you attend all real and mock exams. Please advise both the Head of Sixth Form and Exams Officer of any issues you have around exam time.

In the exam room

Once you enter the exam room you will be under exam conditions and you should not communicate with anyone other than an invigilator. Our invigilators all wear appropriate photographic identification. Please make sure that you are in the correct venue and, most importantly, in the correct seat. If you are in possession of your timetable this must be placed under the desk. You will not be allowed to leave the exam room from this point without being escorted by an invigilator. If you do leave without supervision you may not be allowed back inside the exam room. You will not be allowed to leave the exam room early, even if you have finished your exam so **please do not ask!**

Location of Exams

We try to ensure that you have the best possible conditions under which to take your examinations. Most exams will take place in the Hall. Those who have special arrangements, please check with your teacher to ensure that they have been requested.

Refreshments

You are allowed to bring a drink of water in a clear plastic bottle, **with the label removed**. However, you are **NOT** allowed to bring in any cans or cartons of drinks, chewing gum or any other food, **unless for medical reasons, please discuss with the Examinations Officer** in advance of your exams.

In case of Emergency

Should the fire alarm go off, do not panic. Please follow instructions from the invigilator. You will be asked to leave the room in silence. Leave all equipment and paperwork in the exam room. You will still be under exam conditions during this time and you **MUST NOT** communicate with other students. Once the

invigilator is given permission to return to the exam room you will be given instructions. You must **not** start writing until the invigilator tells you to do so.

End of the Exam

The invigilators will collect your exam papers before you leave the exam room.

Silence must be maintained during this time. Question papers, answer booklet and additional paper must **NOT** be taken from the exam room. You will be dismissed from the exam row by row. There may be other exams continuing so please leave in silence as other students will still be working.

Examination Documents

Please ensure that you have familiarised yourself with the Examination rules and guidance which can be found on the Examinations section of The Cottesloe School website <https://www.cottesloe.bucks.sch.uk/curriculum/examinations> scrolling to the accordion entitled:

JCQ (Joint Council for Qualifications) Information ▼

- [Warning to Candidates](#)
- [Unauthorised Items](#)
- [Information for candidates - Written Exams](#)
- [Information for candidates - Coursework](#)
- [Information for candidates - Non Examination Assessments \(NEA\)](#)
- [Information for candidates - On-screen tests](#)
- [Information for candidates - Social Media](#)
- [Information for candidates - Privacy Notice](#)
- [Preparing to sit your exams](#)
- [Review of Marking - Centre Assessed Marks](#)
- [JCQ Advice to centres -severe weather conditions](#)

Year 12 Subject Specific Information

Subject	Information
Art	5 hours
Applied Human Biology	Unit 1 - Section A1, Cells, tissues and biological molecules. The exam will contain only content covered in the first term. 1 hour
Business Studies	THERE 2 EXAMS FOR BUSINESS 1 exam x 2 hours 1 exam x 3 hours <ul style="list-style-type: none"> -Marketing aims and objectives -Types of market – mass and niche market. -Market segmentation. -Branding, (brand personality, brand image, unique selling point (USP), implications of business size for marketing activity, budgetary constraints, availability of specialist staff). -Market research methods -Marketing mix -Influences on marketing activity -Purpose of researching information to identify the needs and wants of customers -Developing the rationale -Marketing campaign activity -The marketing campaign -Appropriateness of marketing campaign
Biology	1 paper Module 2 Foundations in Biology and Module 3 exchange and transport areas covered by both teachers up to the end of term. December 2022. The exam will contain a mixture of multiple choice, short answer and long answer questions. The paper will be 70 marks. 1 hour 30 mins
Chemistry	1 paper Module 2 - Foundations in Chemistry content. The exam will contain a mixture of multiple choice, short answer and long answer questions. The paper will be 70 marks. 1 hour 30 mins

Core Maths

1 paper

Preliminary material will be given out in class and a clean copy provided in the exam

2 hours

Topics covered

- Fermi estimation
- Sampling and types of data
- Grouped frequency tables
- Stem and leaf
- Histograms
- Cumulative frequency graphs
- Mean, median, mode, range and standard deviation

- Calculating tax, national insurance student loans etc
- Spreadsheets - formulas
- APR/AER
- Percentage increase and decrease
- Exchange rates

- Critical Analysis

Links to revision resources are provided in Google Classroom.

<p align="center">Computer Science</p>	<p>2 hours SLR 1 - 6 will be included in the mock:</p> <ul style="list-style-type: none"> ● CPU structure & architecture ● Multicore & Parallel core systems ● Input, output & storage ● Operating systems ● Application Generation ● Software development
<p align="center">DT Product Design</p> <p>Topic:</p>	<p>2 hours</p>
<p>Polymers</p>	<p>Specification reference 1.3, 3.1, 3.4 <i>See PLC's that are stuck in your books for more detail information on sub topics</i></p>
<p>Timber</p>	<p>Specification reference 1.1, 3.1, 3.4 <i>See PLC's that are stuck in your books for more detail information on sub topics</i></p>
<p>Papers & Boards</p>	<p>Specification reference 1.5, 3.1, 3.5 <i>See PLC's that are stuck in your books for more detail information on sub topics</i></p>
<p align="center">English Language</p>	<p>Paper 1: Language Variation 2 hours 15 mins</p> <p><u>Section A</u> Individual Variation <i>You will receive two texts to compare and analyse.</i> 30 marks</p> <p><u>Section B</u> Variation over Time <i>You will receive two texts to compare and analyse.</i> 30 marks</p>
<p align="center">English Literature</p>	<p>Paper 1: Aspects of Tragedy 1 hour</p> <p>You will be given an extract from 'King Lear' to analyse and then will be asked to link to other parts of the play, looking specifically at how Shakespeare utilises the tragic aspects.</p> <p>25 marks</p>

<p>English Literature cont:</p>	<p>Paper 2: Elements of Political and Social Protest Writing 1 hour</p> <p>You will be given a statement about the novel, 'The Handmaid's Tale' and you will be asked to demonstrate how far you agree with the statement.</p> <p>25 marks</p>
<p>Ethics & Philosophy</p>	<p>Paper 1 Religious experience Arguments for God Virtue Ethics 2x 10 2x 15</p> <p>1 x 1hr 45min exam</p>
<p>Geography</p>	<p>1 paper - 1 hour 30 minutes. 72 Marks</p> <p>Question 1 - The Water Cycle. 36 marks</p> <p>Question 2 - Coastal Systems and Landscapes 36 Marks</p> <p>Questions will be vary between multiple choice, data response questions, A01 Knowledge questions and extended prose (20 mark question)</p>
<p>History</p>	<p>Paper 1 - The Crusades and Britain 1 hour Britain 45 mins Crusades</p> <p>1 x 1hr 45min exam</p>
<p>Mathematics</p>	<p>1 x 1hr 30min exam</p> <p>Content will include</p> <ul style="list-style-type: none"> ● Indices & surds ● Quadratics ● Inequalities & Simultaneous Equations ● Transformations of graphs ● Graph Sketching ● Straight line graphs ● Equations of Circles ● Vectors ● Binomial Expansion ● Trigonometry ● Algebraic fractions ● Factor theorem <p>Calculator allowed</p>

<p style="text-align: center;">Further Maths</p>	<p>1 x 1hr pure exam 1 x 1hr applied exam</p> <p>Pure content</p> <ul style="list-style-type: none"> ● Complex Numbers ● Series ● Matrices ● Proof by Induction <p>Decision Content</p> <ul style="list-style-type: none"> ● Algorithms ● Graphs and networks ● Algorithms on graphs ● Route Inspection Algorithm <p>Statistics Content</p> <ul style="list-style-type: none"> ● discrete random variables ● poisson distribution
<p style="text-align: center;">Physics</p> <p><i>Paper duration: 90 minutes</i></p> <p><i>Topics covered:</i></p> <p><u>Module 2: Foundations of physics</u> <i>Pages 6-19</i></p> <p><u>Module 3: Forces and motion</u></p> <p><i>Chapter 3 - Motion</i> <i>Pages 20-45</i></p> <p><u>Module 4: Electrons, waves, and photons</u></p> <p><i>Chapter 8: Charge and current</i> <i>Pages 120-137</i></p> <p><i>Chapter 9: Energy, power and resistance</i> <i>Pages 138-169</i></p>	<p>This mock paper consists of a range of question styles, including;</p> <ul style="list-style-type: none"> ● multiple choice ● definitions ● descriptions ● explanations ● data analysis ● short and long calculations ● graph interpretation and construction <p>You will be given an OCR A data booklet.</p> <p>Essential equipment required:</p> <ul style="list-style-type: none"> ● scientific calculator ● pencil/s ● pen/s ● rubber ● compass ● protractor ● ruler <p>You will also have access to the exam board formula booklet</p> <p>1 x 1hr 30min exam</p>
<p style="text-align: center;">Psychology</p>	<p>Memory Attachment Research Methods</p> <p>1 hour 30 mins</p>

<p style="text-align: center;">Sociology</p>	<p>1 hour 30 mins</p> <p>Education External factors Function of Education Methods in Context</p> <p>1x 4 1x 6 1x 20</p> <p>Families and Households Childhood Couples Theories of the family</p> <p>1x 10 1x 20</p>
<p style="text-align: center;">Sport Studies</p>	<p>1 hour 30 mins</p> <p>Anatomy & Physiology</p> <ul style="list-style-type: none"> - Skeletal System - Muscular System - Cardiovascular System - Respiratory System - Energy Systems - Inter-relationship between two systems

January 2023 Exams

Year 12 Mocks

	AM 9 AM Start	PM 1 PM Start
Monday 16th January 2023		Geography 1 hrs 30 mins Year 12
		French 1 hour 45 mins Year 12
Tuesday 17th January 2023		Further Maths Paper 1 1 hour Year 12
	Biology 1 hour 30 mins Year 12	Applied Human Biology 1 hour Year 12
		English Lit paper 1 1 hour Year 12
Wednesday 18th January 2023	DT 2 hours Year 12	Psychology 1 hour 30 mins Year 12
	Chemistry 1 hour 30 mins Year 12	Ethics and Philosophy 1 hour 45 mins Year 12
	History 1 hour 45 mins Year 12	
	Computer Science 2 hours Year 12	
Thursday 19th January 2023	English Language 2 hours 15 mins Year 12	Sociology 1 hour 30 mins Year 12
	Physics 1 hour 30 mins Year 12	Further Maths Paper 2 1 hour Year 12
	Sports Studies 1 hour 30 mins Year 12	Business 2 hours Year 12
	English Lit Paper 2 1 hour Year 12	
Friday 20th January 2023	Business 3 hours Year 12	Core Maths 2 hours Year 12
		Maths 1 hour 30 mins Year 12

This is a guide only, please be aware that you may not always have your exam at the same time as the rest of your class due to a clash. Please refer to your individual timetable.