

Year 11 Mock Examinations Booklet

December 2021



The South Wolds Academy & Sixth Form

Year 11 Internal Examinations Timetable, December 2021

(revised 08/10/2021)

Date	Start Time	Duration	Subject	Main Venue
WEEK 1				
Friday 3 December	8.55 am	1h 5/1h 20	French writing paper German writing paper Spanish writing paper (please see overleaf)	Sports Hall
WEEK 2				
Monday 6 December	8.55 am	1h 45	English Language 1 of 2	Sports Hall
	11.35 am	1h 1h	Computer Science 1 of 2 Geography paper 1 of 2	Sports Hall
Tuesday 7 December	8.55 am	1h 2h 1h 1h	Cambridge Sports Science D&T Drama PE paper 1 of 2	Sports Hall
	11.35 am	1h 30	Maths paper 1 of 3	Sports Hall
Wednesday 8 December	8.55 am	1h 15 1h 45	Biology	Sports Hall
	11.35 am	1h15	History Paper	Sports Hall
Thursday 9 December	8.55 am	2h	Philosophy and Ethics	Sports Hall
	11.35 am	1h 1h	Computer Science 2 of 2 Geography 2 of 2	Sports Hall
Friday 10 December	8.55 am	1h 15 1h 45	Chemistry	Sports Hall
	11.35 am	1h 30	Business (2nd Language MFL written paper)	Sports Hall
WEEK 3				
Monday 13 December	8.55 am	1h 45	English Language 2 of 2	Sports Hall
	11.35 am	1h 30	Maths paper 2 of 3	Sports Hall
Tuesday 14 December	8.55 am	2h	Spanish	Sports Hall
	11.35 am	1h 15 1h 45	Physics	Sports Hall
Wednesday 15 December	8.55 am	2h	German	Sports Hall
	11.35 am	1h	PE paper 2 of 2	Sports Hall
Thursday 16 December	8.55 am	2h	French	Sports Hall
	11.35 am	1h30m	Maths paper 3 of 3	Sports Hall

Students Studying	Spanish writing	German writing	French writing
Spanish only	8.55 am Friday 3 December		
German only		8.55 am Friday 3 December	
French only			8.55am Friday 3 December
Spanish and German	8.55 am Friday 3 December	11.35 am Friday 10 December	
Spanish and French	8.55 am Friday 3 December		11.35am Friday 10 December
German and French		8.55 am Friday 3 December	11.35am Friday 9 December

Get Revising

- ✧ Get Revising offers every student a personal learning kit – a series of tools that they can use to create and share learning resources.

Parents Teachers My account South Middle Academy Dashboard My resources Log out

GetRevising
learn together

Home Create GCSE A Level & IB University Study planner Search our revision resources

Start Studying Smarter
Everything you need to find, create, and share study resources

Search 160,500 study resources Example: the cold war, forces and motion, shakespeare

Organise Create Discuss

Organise your time with a study planner >

Create study resources with smart learning tools >

Discuss your subjects with other students >

- ◆ Encourage students to see that they are not alone but part of a community of many thousands, all sharing the experience of learning
- ◆ Recognise the creativity, skill and goodwill of students
- ◆ Be driven by students' needs and the insights gained from recent research into teaching and learning.

What tools are provided?

- ◆ Smart study planner
- ◆ Multi-resource tool that creates flashcards, quizzes and crosswords
- ◆ Revision note and card creator
- ◆ Mindmapping tool
- ◆ Ability to share resources and rate and comment
- ◆ Discussion forums and question service
- ◆ Ability to test yourself on mindmaps, cards and notes
- ◆ Ability to combine resources

<http://getrevising.co.uk/>

Business

Details of exam

Paper 1: Investigating small businesses
1 hour 30 minutes (90 marks)

Topics covered

All topics from theme 1 Year 10:

1.1 Enterprise and entrepreneurship (Including: why and how new business ideas come about; the risk and rewards of starting a business; the role of business enterprise; the role of entrepreneurs)

1.2 Spotting a business opportunity (Including: identifying and understanding customers needs; the purpose and methods of market research; the use of data in market research; market segmentation and the competitive environment)

1.3 Putting a business idea into practice (Including: aims and objectives; revenue, costs and profits; break-even; interpretation of break-even charts; the importance of cash and cash-flow forecasts; sources of finance)

1.4 Making the business effective (including: the concept of liability; types of ownership for start-up businesses such as sole traders, franchising, etc; factors influencing location; the marketing mix; business plans)

1.5 Understanding external influences on business (including: stakeholders; technology; legislation; the economy-inflation, interest rates, exchange rates, etc; the importance of external influences on business)

Revision tips / websites / guides

Memorise the information on your 5 Theme 1 mind maps

Revision guides are available to buy from the department (many students already have one)

Sample Paper 1 exam papers are available free on the Edexcel website:

<https://qualifications.pearson.com/en/qualifications/edexcel-gcses/business-2017.coursematerials.html#filterQuery=Pearson-UK:Category%2FSpecification-and-sample-assessments>

or already printed and available to buy from The Print Room.

Equipment required

Black pen, pencil, ruler and calculator

Drama

Details of exam

Component 3 - Interpreting Theatre, one hour.

Topics covered

Section A: Set Text - Hard to Swallow

The extract will come from scenes 1 - 9. You need to have a good knowledge of plot, characters and themes and have some workable ideas for how these can be communicated in performance. You also need a variety of design ideas (set, lighting, costume, sound & music).

There will NOT be a section B. This is why the paper is only 1 hour.

Revision tips / websites / guides

The section summaries and revision booklet I have given you should be your focus. The materials on Google classroom may also be useful.

Equipment required

A black pen.

GCSE Computer Science—OCR

Details of the exam

There will be 2 exams each lasting one hour.

Topics covered

Paper 1: Computer Systems

- ◆ System architecture
- ◆ Memory
- ◆ Data representation
- ◆ Storage
- ◆ Wired and wireless networks
- ◆ Network topologies, protocols and layers
- ◆ Systems security
- ◆ System software
- ◆ Ethical, legal, cultural and environmental concerns

Paper 2: Computational Thinking, algorithms and programming

- ◆ Algorithms
- ◆ Programming techniques
- ◆ Producing robust programs
- ◆ Computational logic
- ◆ Translators and facilities of language

Revision Tip/Websites/guides

- ◆ Your class notes
- ◆ The Revision section of our Google Drive.
- ◆ Smart Revise

Equipment Required

Black pen & pencil

NO calculators

English Language

Details of exam

Paper 1: Exploration in creative reading and writing (1hour 45 minutes)

Paper 2: Writers' viewpoints and perspectives (1 hour 45 minutes)

Topics covered

- ◆ Reading: creative writing and opinion writing
- ◆ Writing: descriptive or narrative writing and argumentative writing

Revision tips / websites / guides

- ◆ Know the structure and requirements of both papers: question focus, mark allocation, timings and how to answer each... including errors to avoid!
- ◆ Support your understanding of the exam papers by using your Knowledge Organiser for Language to remind you of 'top tips' for each question.
- ◆ Review your marked work and exam practices-look at your feedback to focus your attention on what you need to improve and remind yourself of what you can already do.
- ◆ Complete past papers: <https://www.aqa.org.uk/subjects/english/gcse/english-language-8700/assessment-resources>
- ◆ Practise reading source texts and applying your strategies for reading an unseen text
- ◆ For Creative Writing: find interesting pictures and use them as the basis for either descriptive or narrative writing. You could produce a plan or write it in full.
- ◆ For argumentative writing, watch topical news reports or read newspaper or school debating websites (e.g. <https://www.guardian.com/uk/commentisfree> or <https://noisyclassroom.com/debate-topics>) and plan or write a response.
- ◆ For general revision, visit the Seneca Learning website <https://senecalearning.com/en-GB> and navigate through to English Language—AQA GCSE. There are revision resources for both Language papers. There is also some useful material on the BBC Bitesize's <https://www.bbc.co.uk/bitesize/examsspecs/zcbchv4>
- ◆ For Language we recommend Pearson's AQA English Language Revision Guide (ISBN:9781447988052) and Workbook (ISBN: 9781447987833)

Equipment required

A black pen and at least one highlighter.

Geography

Details of exam

Paper 1—Physical Geography—Rivers and Coasts, Living World

Paper 2—Human Geography—Urban Opportunities and Challenges

Both papers will include a series of small questions where you will need to interpret graphs, maps and text.

In the longer questions you will be expected to refer to case studies and give reference to images shown on the paper

Topics covered

Paper 1– Rivers and Coasts and Living World

Paper 2– Urban issues

There is more specific advice on SMH and google classroom for the topics covered in the exam

Revision tips / websites / guides

The CGP 9-1 Geography Revision Book

GCSE Bitesize Website Geography AQA

Knowledge organisers

Seneca

Google Classroom/SMH for topic advice

Equipment required

Black Pen

Pencil

Rubber

Ruler

Calculator

History

Details of exam

Paper 1:

Medicine in Britain, c.1250 to present and The British sector of the Western Front, 1914-18: injuries, treatment and the trenches. This exam will last 1 hour and 15 mins.

Topics covered

All of Year 10 Medicine work.

Revision tips / websites / guides

Students have a range of tests, past questions and example answers from classwork and homework notes and activities.

There are also resources on the Google Classroom

BBC Bitesize Medicine <https://www.bbc.co.uk/bitesize/guides/zgdftyc/revision/1>

Should you wish to buy a revision guide for use at home, we would recommend this one for factual knowledge that covers all of the GCSE History topics: <https://www.amazon.co.uk/GCSE-History-Edexcel-Revision-Guide/dp/1782946055>

These ones are topic specific and have both knowledge and exam questions covered: <https://www.amazon.co.uk/My-Revision-Notes-Medicine-c1250-present/dp/1510403213>

Equipment required

Black pen and spare pen.

A highlighter may also be useful.

Languages

Details of exam

AQA exam board

- ◆ Listening exam : 35 minutes (Foundation Tier), 45 minutes (Higher Tier)
Reading exam : 45 minutes (foundation Tier), 1 hour (Higher Tier)
This also includes a translation into English.
These will take place back to back.
- ◆ Written Exam : 1 hr 5 minutes (Foundation Tier), 1 hr 20 minutes (Higher Tier)
Foundation : sentences to translate, description of a photo, 40 word essay and 90 word essay.
Higher : paragraph to translate, 90 word essay and 150 word essay.

Topics covered

- ◆ Relationships with family and friends
- ◆ Marriage/partnership
- ◆ Social media
- ◆ Mobile technology
- ◆ Music
- ◆ Cinema and TV
- ◆ Food and eating out
- ◆ Sport
- ◆ Customs and festivals in French/German/Spanish-speaking countries/communities
- ◆ Home, town, neighbourhood and region
- ◆ Charity/voluntary work
- ◆ Healthy/unhealthy living
- ◆ The environment
- ◆ Poverty/homelessness
- ◆ Travel and tourism
- ◆ My studies
- ◆ Life at school/college
- ◆ Education post-16
- ◆ Jobs, career choices and ambitions

We are aware that all topics have not yet been covered

Revision tips / websites / guides

Use [memrise.com](https://www.memrise.com), [Quizlet](https://www.quizlet.com) or the specification vocabulary booklet to revise vocabulary.

Write practice essays on each topic.

CGP revision guides are available and Target books for each skill. See your class teacher for details.

Equipment required

Black pen

Mathematics

Paper 1

Details of exam

This is the non calculator paper. You need to be aware that you must show all of your working out as there are a large number of marks awarded for your method. It is 1hr 30 mins long.

Topics covered

- ◆ Perimeter, area and volume
- ◆ Sequences
- ◆ Integers, powers and roots
- ◆ Statistics
- ◆ Lines, angles and shapes
- ◆ Algebraic manipulation
- ◆ Fractions, decimals and percentages
- ◆ Probability
- ◆ Constructions and Loci
- ◆ Coordinates and graphs
- ◆ Ratio and Proportion
- ◆ Transformations

Revision tips / websites / guides

To succeed in maths you need to practise. You need to complete the papers your teacher has set from your past paper folder; use your revision guide when you get stuck. You may also find the following websites useful when revising:

www.gcsepod.com

www.drfrostmaths.com (Login is your school email address. Password - chosen by you)

www.corbettmaths.com

www.onmaths.com

Equipment required

Black pen, pencil, ruler, protractor, pair of compasses, scientific calculator

Mathematics

Paper 2 and 3

Details of exam

These are the calculator papers. You need to be aware that you must show all of your working out, including what you have typed into your calculator, as there are a large number of marks awarded for your method.

Topics covered

- ◆ Perimeter, Area and Volume
- ◆ Sequences
- ◆ Integers, powers and roots
- ◆ Statistics
- ◆ Lines, angles and shapes
- ◆ Algebraic Manipulation
- ◆ Fractions, Decimals and Percentages
- ◆ Probability
- ◆ Constructions and Loci
- ◆ Coordinates and graphs
- ◆ Ratio and Proportion
- ◆ Transformations

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www.corbettmaths.com

www.onmaths.com

Equipment required

Black pen, pencil, ruler, protractor, pair of compasses, scientific calculator

PE

Details of exam

The content of the PE course will be split into two one hour papers.

The questions will be a mixture of multiple choice, short answer questions and long answer questions.

Paper 1 and 2 will be sat in the Sports Hall.

Topics covered

Paper 1:

- ♦ The skeletal system
- ♦ The muscular system
- ♦ Movement Analysis – Levers & rotation
- ♦ Cardiovascular & Respiratory systems
- ♦ Effects of exercise on the body
- ♦ Components of fitness
- ♦ Principles of training
- ♦ Injury prevention

Paper 2:

- ♦ Characteristics of skilful movement
- ♦ Classification of skills
- ♦ Goal setting
- ♦ Mental preparation
- ♦ Types of guidance and feedback
- ♦ Engagement patterns in physical activity
- ♦ Diet and nutrition
- ♦ Commercialisation
- ♦ Ethics, drugs and violence
- ♦ Sports Psychology
- ♦ Health, wellbeing and fitness

Revision tips / websites / guides

- ♦ OCR GCSE (9-1) PE Second Edition Textbook by John Honeybourne
- ♦ My Revision Notes OCR GCSE (9-1) PE Second Edition by Sarah Powell
- ♦ New GCSE Physical Education Revision Guide for the Grades 9-1 by CGP
- ♦ GCSE Bitesize
- ♦ OCR GCSE Physical Education
- ♦ South Wolds Website: Public Drive, Physical Education, GCSE
- ♦ Seneca Learning
<https://app.senecalearning.com/dashboard/join/c6yk2sec2n>

Equipment required

A black pen.

Philosophy & Ethics

Details of exam

The exam lasts 2 hours. During this time you will complete 2 papers. Each paper lasts 1 hour.

Your first paper is the 'Christianity' paper

Your second paper is half of the 'Philosophy and Ethics' paper.

Topics covered

For the Christianity paper you need to revise two topics:

Christian beliefs and teachings

Christian Practices

For the Philosophy and Ethics paper you need to revise two topics:

Peace and Conflict

The Existence of God

Revision tips / websites / guides

Revision posters for each topic will be on Google Classroom. For your mock you need 4 revision posters. A3 colour copies are available from The Print Room.

Equipment required

Black pen. Bring spares in case your ink runs out.

Product Design

Details of exam

The exam is 2 hours long.

Section A— Core technical principles (20 marks)

A mixture of multiple choice and short answer questions assessing a breadth of technical knowledge and understanding.

Section B— Specialist technical principles (30 marks)

Several short answer questions (2-5 marks) and one extended response to assess a more in depth knowledge of technical principles.

Section C— Designing and making principles (50 marks)

A mixture of short answer and extended response questions.

Topics covered

You will have covered most of these in your theory lessons:

- ◆ Materials and their working properties
- ◆ Composites, smart and modern materials
- ◆ Product analysis
- ◆ Scales of production
- ◆ CAD/CAM
- ◆ Specialist processes
- ◆ Human factors (ergonomics/anthropometrics)
- ◆ Market research and testing
- ◆ Mathematical questions

Revision tips / websites / guides

Please read through the revision resource power point presentation you have created. Revise using this and read around the subject using your *revision guide* or www.technology student.com

Equipment required:

Black pen, pencil, colouring crayons, eraser, calculator, protractor, ruler and a pair of compasses.

Science Double

Details of exam

Paper 1 in each of Biology, Chemistry and Physics lasting 1 hour and 15 minutes.

Topics covered

Biology

Topic	Foundation revision guide	Higher revision guide
Cell biology	11-23	11-23
Organisation	24-41	24-42
Infection and Response	42-49	43-49
Bioenergetics	50-56	50-57

Chemistry

Topic	Foundation revision guide	Higher revision guide
Atomic Structure and the Periodic Table	96-112	96-111
Bonding, Structure and Properties of Matter	113-122	112-122
Quantitative Chemistry	123-127	123-128
Chemical Changes	128-133	129-137
Energy Changes	134-137	138-141

Physics

Topic	Foundation revision guide	Higher revision guide
Energy	167 - 179	197 - 178
Electricity	180 - 192	179 - 190
Particle Model of Matter	193 - 196	191 - 194
Atomic Structure	197 - 202	195 - 200

An equation sheet will also be put on SMHW

Revision tips / websites / guides

- ♦ Revision guides (revision cards can be purchased half price from your science teacher)
- ♦ Make your own revision cards and test yourself
- ♦ SENECA
- ♦ BBC bitesize AQA
- ♦ Primrose Kitten on YouTube
- ♦ <https://www.freesciencelessons.co.uk/gcse-biology-paper-1/>
- ♦ <https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/>
- ♦ <https://www.freesciencelessons.co.uk/gcse-physics-paper-1/>

Equipment required

Black pen, pencil, ruler, eraser, calculator and protractor.

Science Triple

Details of exam

Paper 1 in each of Biology, Chemistry and Physics lasting one hour and forty five minutes.

Topics covered

Biology

Topic	Pages (biology revision guide)
Cell biology	11-26
Organisation	27-45
Infection and Response	46-56
Bioenergetics	57-64

Chemistry

Topic	Pages (chemistry revision guide)
Atomic Structure and the Periodic Table	12-27
Bonding, Structure and Properties of Matter	28-40
Quantitative Chemistry	41-50
Chemical Changes	51-60
Energy Changes	61-66

Physics

Topic	Pages (physics revision guide)
Energy	11- 23
Electricity	24 - 37
Particle Model of Matter	38 - 42
Atomic Structure	43 - 50
An equation sheet will also be put on SMHW	

Revision tips / websites / guides

- ♦ Revision guides (revision cards can be purchased half price from your science teacher)
- ♦ Make your own revision cards and test yourself
- ♦ SENECA
- ♦ BBC bitesize AQA
- ♦ Primrose Kitten on YouTube
- ♦ <https://www.freesciencelessons.co.uk/gcse-biology-paper-1/>
- ♦ <https://www.freesciencelessons.co.uk/gcse-chemistry-paper-1/>
- ♦ <https://www.freesciencelessons.co.uk/gcse-physics-paper-1/>

Equipment required

Black pen, pencil, ruler, eraser, calculator and protractor.