

Year 10 Test Week 2025



The South Wolds Academy & Sixth Form



The South Wolds
Academy
and Sixth Form

January 2025

Dear Parents

Year 10 Mock Exams – February/March 2025

Year 10 students will sit mock examinations starting Friday 28th February 2025. Students will attend school as normal during the mock exam period and follow their timetable when not sitting exams.

The mock exams provide us with important evidence of attainment and are a valuable and useful rehearsal for the Year 11 mocks and GCSE exams next year. It is vital therefore that these exams are taken seriously and that the students plan a revision timetable in preparation.

We would appreciate your support by ensuring that your son/daughter prepares for the tests and brings the correct equipment. They require a clear pencil case containing black pens, pencils, ruler, protractor, a pair of compasses and a scientific calculator.

Please note students must not wear anything on their wrists, including watches, during these assessments. Therefore, please ensure that they are not brought to school during this time as we cannot be responsible for any loss or damage whilst exams are taking place.

Thank you for your support.

Yours sincerely

Mrs R Sprake
Assistant Headteacher – Progress and Intervention

Church Drive, Keyworth, Nottingham NG12 5FF
e-mail: office@southwolds.notts.sch.uk Website: www.southwolds.co.uk
Twitter: @southwolds Telephone: 0115 9373506

Halina Angus BA (Hons), MA, NPQH Head Teacher

Sarah Brooks B.Sc (Hons), and Carol Shardlow B.Eng (Hons)
Deputy Head Teachers



Year 10 Test Weeks March 2025

(revised 09/01/2025)

**Please note: Students with access arrangements, other than extra time,
will be issued with individual timetables**

Date	Start Time	Duration	Venue	Subject
WEEK 1				
Friday 28th February	8.55am	1h 45	Sports Hall	English Language
	11.35am	2h 1h	Drama Studio Sports Hall	Drama Practical Exam Geography
WEEK 2				
Monday 3rd March	8.55 am	1h 1h	Sports Hall	Biology (Combined: Trilogy) Biology (Triple)
	11.35 am	1h 1h	Sports Hall	Business Computer Science
Tuesday 4th March	8.55 am	1h 1h	Sports Hall	Chemistry (Combined :Trilogy) Chemistry (Triple)
	11.35 pm	1h	Sports Hall	History
Wednesday 5th March	8.55 am	1h 1h	Sports Hall	Physics (Combined: Trilogy) Physics (Triple)
	11.35 am	1h 1h	Sports Hall	PE Religious Studies (EP)
Thursday 6th March	8.55 am	2h	Sports Hall/Gym	French (Listening/Reading)
	11.35 am	1h 1h	Sports Hall	Design and Technology Food
Friday 8th March	8.55 am	2h	Sports Hall/Gym	Spanish (Listening/Reading)
	11.35 am	1h30	Sports Hall	Maths Paper 1

Biology

Details of exam

60 minutes. A mixture of short answers and extended response questions.

Topics covered

Covers all work from Year 9 & 10 Biology so far.

Topics covered in the exam;

1. Cell biology- Cell structure, microscopy, cell division, stem cells, transport in cells
2. Organisation- The digestive system, the circulatory system, non-communicable diseases (CHD, cancer, diabetes), Breathing and gas exchange and plant organ systems
3. Infection and response- Communicable disease, preventing and treating disease, monoclonal antibodies
4. Bioenergetics-Photosynthesis

Revision tips / websites / guides

Revision checklist (electronic on SMH)

Revision guides

BBC bitesize

www.educake.co.uk

www.freesciencelessons.co.uk

Malmesbury education on YouTube for required practical videos

Cognito

Equipment required

A black pen, sharp pencil, eraser, ruler (30cm) and a scientific calculator (this is essential)

Business

Details of exam

1 hour exam

Topics covered

All topics covered for 1.1, 1.2, 1.3 and 1.4, 1.5

- 1.1: a) The dynamic nature of business
b) Why new ideas come about
c) How new business ideas come about
d) Risk and reward
e) The role of business enterprise
f) Adding value
g) The role of the entrepreneur
- 1.2: a) Customer needs
b) Market research
c) Market segmentation
d) Market mapping
e) The competitive environment
- 1.3: a) Aims and objectives for New Businesses
b) Revenue, Cost Profit and Interest
c) Break-even analysis
d) Break-even diagrams
e) Cash and cash flow
f) Sources of finance-small businesses
- 1.4: a) Liability
b) Sole Traders
c) Partnerships
d) Private Limited Companies
e) Franchises
f) Business location
g) The marketing mix (product/price/place and promotion)
h) What will cause the marketing mix to change?
i) Business plans
- 1.5 a) Business stakeholders
b) Technology and business
c) Legislation and business
d) The economy and business

Revision tips / websites / guides

Students are advised to primarily use the notes given in lessons (in their exercise books). They are then asked to transfer key points on to either mind maps or on to revision cards in order to learn/revise all the topics needed for the exam.

Students need to also be clear on how to answer different styled questions on the paper (eg 3 mark explain questions; 6 mark discuss and analyse questions and a 9 mark 'justify' essay).

Equipment required

A black pen, a ruler, pencil and a calculator.

Science Double Award (Combined Science)

Details of exam

3 x one hour exams (1 in Biology, 1 in Chemistry and 1 in Physics).

Topics covered

Covers all work from Year 9 & 10 Biology so far – Cell Biology: cell structure, microscopy, cell division, stem cells, transport in cells. Organisation: digestive system, the circulatory system, non-communicable diseases (CHD, cancer, diabetes), breathing and gas exchange and plant organ systems. Infection and response: communicable disease, preventing and treating disease.

Covers all work from Year 9 & 10 Chemistry so far – atomic structure, mixtures and separation techniques, the periodic table and groups (1, 7 and 0), structure and bonding, states of matter and metals.

Covers all work in Year 10 Physics work so far – including: energy transfers, GPE, KE, EPE, efficiency, heat transfer, energy resources, electric circuits, mains, particle model and density.

Knowledge of equations is essential (see your teacher for details)

Revision tips / websites / guides

Revision guides

Booklets used in class

BBC bitesize

Kerboodle

www.freesciencelessons.co.uk

Malmesbury education

Cognito

Equipment required

A black pen, sharp pencil, eraser, ruler (30cm) and a scientific calculator (this is essential)

Chemistry

Details of exam

60 minutes. A mixture of short answers and extended response questions.

Topics covered

Covers all work from Year 9 & 10 Chemistry so far – atomic structure, mixtures and separation techniques, history of the periodic table and groups (1, 7 and 0), crude oil and alkanes, atmospheric pollutants, bonding, states of matter, making salts, pH and electrolysis and reactivity series, displacement reactions and metals.

Revision tips / websites / guides

Revision checklist (electronic on SMH)

Revision guides

BBC bitesize

SENECA

Equipment required

A black pen, sharp pencil, eraser, ruler (30cm) and a scientific calculator (this is essential)

Computer Science

Details of exam

1 hour exam - a mixture of both components [see below]

Topics covered

- ◆ Systems Architecture: Architecture of the CPU, CPU performance, Embedded Systems
- ◆ Memory & Storage: Primary storage (Memory), Secondary storage, Units Data storage (numbers, characters, images, sound), Compression
- ◆ System software: OS & Utility software
- ◆ Boolean logic: AND, OR, NOT
- ◆ Programming

Revision tips / websites / guides

Please use the detailed revision plan in our class team

Smart revise - use the topic filters to quiz on key topics

Search CraignDave on you tube (J227 OCR)

Programming: gocodeit

Equipment required

A black pen and a pencil.

No calculators are allowed.

Design and Technology

Details of exam

This shortened exam is one hour long and includes two sections. Section A is mostly multiple choice questions based upon materials, processes and manufacturing. Section B presents longer questions concerned with Specialist Technical Principles within Design and Technology including Mathematics.

Topics covered

- ◆ 6Rs
- ◆ Product Evaluation
- ◆ User Centred Design
- ◆ Design Aesthetics
- ◆ Analysis and Evaluation
- ◆ Ethical Design and Manufacture
- ◆ Maths for Designers

Revision tips / websites / guides

Your Product Design theory tasks have covered most of the exam questions. You can also read about these topics mentioned above on BBC Bitesize and www.technologystudent.com

Equipment required:

Black Pen

Ruler

Pencil

Calculator

Eraser

Drama

Details of exam

The year 10 exam is a shortened version of the component 2 assessment. The extract you will be given to perform will be around half the length of the extract you will loose for the final assessment in Year 11. Your scene should be 'fully realised' making use of lighting, sound, costume etc.

Topics covered

You will be assessed on your ability to effectively communicate your character to the audience through your application of performance skills - Voice, movement, gesture etc.

Revision tips / websites / guides

- Learn your lines early and practise them regularly– there are lots of useful videos on YouTube about different strategies for doing this
- Keep notes on your script about blocking and your decisions about how you will communicate character
- Share your work regularly
- Listen carefully to any feedback you are given and act on it
- Experiment with a range of different ideas and approaches in rehearsal
- Be organised with your arrangements for technical elements like lighting and sound

Equipment required:

Anything you need in terms of set, costumes, props etc. Much of what you will need for the extract I have given you I have in school.

English Language

Details of exam

Paper 1 - Explorations in creative reading and writing.

1 hour and 45 minutes

Topics covered

Section A Reading (1 hour to include reading time)

You will be asked 4 questions in response to a single source text. You will need to answer all of those questions. Each question will have a specific focus and assess your reading skills.

Section B Writing (45 minutes to include planning, checking and editing time)

You will select 1 from a choice of 2 tasks to produce an extended piece of writing that is either descriptive or narrative.

Revision tips / websites / guides

- ◆ Know the structure and requirements of the paper: question focus, mark allocation, timings and how to answer each question
- ◆ Improve your knowledge of the exam paper by using the knowledge Organiser in the revision booklet on classcharts
- ◆ Review your marked work and exam practice. Look at your teacher feedback and improvement work to focus your attention on what you need to improve and remind yourself of what you have already done well
- ◆ Use the resources provided by your teacher or on classcharts, including the Paper 1 Revision booklet, to prepare and practise—the mini questions are especially useful for practising the skills tested in each question
- ◆ For Past papers, you can look at AQA's website: www.aqa.org.uk/subjects/English/gcse/english-language-8700/assessment-resources
- ◆ For general revision, these websites may help:
- ◆ Search for AQA GCSE English Language on www.senecalearning.com/courses

Equipment required

A black pen and highlighter.

French and Spanish

Details of exam

Higher

- Listening 45 mins
- Reading 1 hour
- Writing to be completed in lessons

English to French/Spanish translation, write 90 words on a topic, write 150 words on a topic

Foundation

- Listening 35 mins
- Reading 45 mins
- Writing to be completed in lessons

Describe a photo, write 50 words on a topic, grammar question, English to French/Spanish translation, write 90 words on a topic.

Topics covered

French: Free time, family and friends, role models, school, healthy lifestyles, holidays

Spanish: Free time, technology, holidays, family and friends, healthy lifestyles, town

Revision tips / websites / guides

- ♦ Practise topic vocabulary
- ♦ ActiveHub/activelearn activities
- ♦ Learn tenses
- ♦ Sample papers
- ♦ BBC bitesize
- ♦ Seneca
- ♦ Quizlet for vocabulary

Equipment required

A black pen

Food

Details of exam:

The exam is 1 hr and includes two parts. The first part is multiple choice questions, the second is a mixture of short answers and extended response questions. (Please note your real exam will be 1hr 45 mins)

Topics covered

Food Nutrition and Health

- ◆ Macronutrients: Protein, Fats and Carbohydrates
- ◆ Micronutrients: Fat-Soluble Vitamins and Water-Soluble Vitamins
- ◆ Water, energy
- ◆ Diet related diseases

Food Safety

- ◆ Principles of food safety
- ◆ Micro-organisms and enzymes

Food Science

- ◆ Conduction, Convection and Radiation
- ◆ Functional and chemical properties of food: protein, carbohydrates and fat; raising agents

Links to the 12 food skills learnt in practical lessons:

Skill 1: General practical skills

Skill 2: Knife skills

Skill 3: Preparing fruit and vegetables

Skill 4: Use of the cooker

Skill 5: Use of equipment

Skill 6: Cooking methods

Skill 7: Prepare, combine, shape

Skill 8: Sauce making

Skill 9: Tenderise and marinate

Skill 10: Dough

Skill 11: Raising agents

Skill 12: Setting Mixtures

Revision tips / websites / guides

Your food theory tasks have covered most of the exam questions. You have done these in your folder please take this home!

You can also read about some of these topics on BBC bitesize including videos and questions to answer.

If you google @AQA Food Preparation and nutrition revision you will find lots of resources to use. Create mind maps and revision cards for each topic.

Seneca learning - <https://app.senecalearning.com/classroom/course/d59d0e60-4fa8-11e8-bbba-738ab127bed6/new-session>

Remember more - <https://classroom.remembermore.app/classroom/e628e73d-e9b9-4b0e-b8e6-b7f58a7b3822>

Equipment required

A black Pen

Geography

Details of exam:

The exam will be 1 hour.

Topics covered

Living World

Features of food chains and webs

Features of small pond ecosystem

Nutrient Cycle

Amazon Rainforest- impacts of deforestation (positive and negative)

Economic World

Measures of development- advantages and disadvantages

Causes of uneven development

Nigeria - Shell Oil - impacts on development and environment

Urban Issues and Challenges

Reasons for growth of megacities

Social opportunities and challenges in a NEE city (Rio)

Hazards

Causes of hazards at different plate boundaries

Revision tips / websites / guides

Educake revision exercises will be set. Please ask you teacher for your code if you have lost it.

Knowledge Organisers with hyperlinks are on Teams and also the school website.

BBC Bitesize Geography AQA and your revision guides are also recommended.

Equipment required

A black pen, pencil, ruler, and a calculator.

History

Details of exam

- ♦ The exam will be 1hr.

There will be three questions worth 4/12/16 marks

Topics covered

Early Elizabethan England 1558-88

Revision tips / websites / guides

BBC Bitesize - Early Elizabethan England 1558-88

Revision quizzes are set on Educake for the topics-these can be repeated.

Revision Guide-Pearson REVISE Edexcel GCSE (9-1) Early Elizabethan England 1558-88 Revision Guide and Workbook (revise Edexcel GCSE History 16)

Equipment required

A black pen (highlighter may also be useful).

Mathematics

Details of exam

One paper of 1 hour and 30 minutes.

Calculator paper

Topics covered

You will need to revise all the topics you have completed so far. Focus mainly on work from Year 9 and 10 but all previous knowledge could also be examined.

Area and Volume

Sequences

Integers, powers and roots

Statistics

Lines, angles and shapes

Algebra

Fractions, decimals and percentages

Probability

Constructions and loci

Compound measures

Coordinates and graphs

Ratio and proportion

Pythagoras and trigonometry

Transformations

Revision tips / websites / guides

Complete past papers from any of the websites listed below.

Use a revision guide and work book to practise questions.

Websites

Onmaths

Dr frost maths

Corbett maths

mathsgenie

Equipment required

A black pen, pencils, ruler, protractor, pair of compasses and scientific calculator

Philosophy & Ethics

Details of exam

- The exam is one hour.
- You will only be answering questions from the 'Religion Paper'(Christianity) and the 'Philosophy and Ethics paper (Existence of God)
- There are two questions and each question is made up of sub-questions: The 'Religion' question has 5 sub questions with three, three mark questions, one six mark question and one 15 mark question. The 'Philosophy and Ethics' question has 4 sub questions with one, three mark question, two, six mark questions and one 15 mark question
- You have half an hour to do the first 5 sub-questions (these will be on Christian beliefs and teachings) and then another half an hour to complete the second set of sub-questions (these will be on Philosophy and Ethics: Existence of God)

Topics covered

1. Christian Beliefs and Teachings (Religion Paper)
2. Existence of God (Philosophy and Ethics paper)

Revision tips / websites / guides

- BBC Bitesize has information broken down into bullet points to help you memorise key information. They have recap videos and quizzes. Spend 25 minutes reading the information and watching the video and then answer the quiz, don't forget to repeat each section more than once as revision is 'repeated and regularly' <https://www.bbc.co.uk/bitesize/examspecs/zhwy7nb>
- OCR website, use this to access past papers and use your bookwork and the posters that are on class charts to make notes on the information you'd need to answer each question. <https://www.ocr.org.uk/qualifications/gcse/religious-studies-j625-j125-from-2016/assessment/>
- For when you're tired and can't be bothered– it is still important to do something otherwise you will waste your energy worrying and thinking about the fact that you should be revising. This will affect both your energy and motivation in a negative way. When you're feeling like this go to the 'Bible Project' on YouTube and watch one of the 5-10 minute videos that covers topics we have covered in class. Write down 5 bullet points from the video. Test yourself the next day to see how many of thr 5 bullet points you can remember. Congratulate yourself on the fact you did some revision even when your motivation was low. <https://www.youtube.com/@bibleproject>

Equipment required

A black pen.

Physical Education

Details of exam

The exam will be 1 hour long. There will be multiple choice, short answer and long answer questions. You must answer all the questions.

Topics covered

Unit 1

- ◆ Structure and function of the skeleton
- ◆ The muscular system
- ◆ Movement analysis

Unit 2

- ◆ Components of fitness
- ◆ Principles of training

Revision tips / websites / guides

- ◆ OCR Physical Education Text Book - John Honeybourne 'PE Second Edition' OCR GCSE (9-1) Hodder Education
- ◆ BBC Bitesize—Physical Education
- ◆ OCR Website—Physical Education for past papers
- ◆ Use your class work book to go over all the topics covered from the beginning of the year.
- ◆ Use the revision workbooks given out in class to reinforce your knowledge and to complete practice questions.
- ◆ Make sure you check all your answers with the relevant mark scheme. Feedback on your answers is essential for getting it right!
- ◆ SENECA

Equipment required

A black pen.

Physics

Details of exam

60 minute. A mixture of short answers and extended response questions.

Topics covered

Covers all work from Year 9 & 10 Physics so far—including: Energy transfers, GPE, KE, EPE, efficiency, heat transfer, energy resources, electric circuits, mains static electricity, density and particle model.

Knowledge of equations essential (see your teacher for details)

Revision tips / websites / guides

Revision guides

Booklets used in class

BBC bitesize

SENECA

Equipment required

A black pen, sharp pencil, eraser, protractor, ruler (30cm) and a scientific calculator (this is essential)