

Year 10

Test Weeks

March 2020



The South Wolds Academy & Sixth Form



The South Wolds
Academy
and Sixth Form

February 2020

Dear Parents

Year 10 Test Weeks, March 2020

Year 10 students will sit mock examinations from Friday 13th March 2020. Please find a copy of the timetable overleaf. 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. 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 watches (including Apple watches, fitbits etc) 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

Ms D West
Senior Performance Leader

Miss C Shardlow
Deputy Headteacher – Curriculum and Outcomes

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), Jo Clemmet B.A. (Hons) and Carol Shardlow B.Eng (Hons)
Deputy Head Teachers



Year 10 Test Weeks, March 2020

(revised 03/02/2020)

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

Date	Start Time	Finish Time	Venue	Subject
Friday 13 March	9.10 am	3.20 pm	A1	Art
WEEK 1				
Monday 16 March	8.55 am	10.25 am	Sports Hall	Maths paper 1 of 3
	11.30 am	12.30 pm	Sports Hall	Philosophy and Ethics German Writing Spanish Writing
Tuesday 17 March	9.10 am	3.20 pm	DT4	Graphics
Wednesday 18 March	9.10 am	1.30 pm	DT1	Textiles
	8.55 am	9.55 am	Sports Hall	Geography
	11.30 am	1.30 pm	Library/ Sports Hall	German (Listening/Reading)
Thursday 19 March	9.10 am	3.20 pm	A1	Photography Group A
Friday 20 March	8.55 am	11.10 am	Sports Hall	English Literature Paper 2: Modern Texts & Poetry
	2.15 pm	3.15 pm	Sports Hall	French writing
WEEK 2				
Monday 23 March	8.55 am	10.25 am	Sports Hall	Maths paper 2 of 3
	11.30 am	12.30 pm	Sports Hall	Biology
	2.15 pm	3.15 pm	Sports Hall	Business
Tuesday 24 March	8.55 am	9.55 am	Sports Hall	Chemistry
	11.30 am	1.30 pm	Library/ Sports Hall	French (Listening/Reading)
Wednesday 25 March	8.55 am	9.55 am	Sports Hall	Physics
	11.30 am	1.30 pm	Library/ Sports Hall	Spanish (Listening/Reading)
Thursday 26 March	8.55 am	9.55 am	Sports Hall	Computer Science Design and Technology PE Sociology
	9.10 am	3.20 pm	A1	Photography Group D
Friday 27 March	8.55 am	10.25 am	Sports Hall	Maths paper 3 of 3
	11.30 am	12.30 pm	MU1	Music
	11.30am	12.45 pm	Sports Hall	History

Biology

Details of exam

1 hour. A mixture of short answers and extended response questions.

Topics covered

Covers all work from Year 9 & 10 Biology so far – cell biology, microscopy, culturing microorganisms, cell division, stem cells, transport in cells, organisation, digestive system, the heart and blood vessels, CHD, non-communicable diseases, plant organ systems, communicable diseases, homeostasis and the human nervous system.

Revision tips / websites / guides

Revision checklist (electronic on SMH)

Revision guides

BBC bitesize

SENECA

Equipment required

A black pen and spare, 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 and 1.2 plus and 1.4. Topics include:

- 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
- 1.4: 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

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, microscopy, cell division, stem cells, transport in cells, organisation, digestive system, the heart and blood vessels, CHD, non-communicable diseases, plant organ systems, communicable diseases, homeostasis and the human nervous system.

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, density and radioactivity

Knowledge of equations essential (see your teacher for details)

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 RAM calculations.

Revision tips / websites / guides

Revision guides

Booklets used in class

BBC bitesize

SENECA

Equipment required

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

Chemistry

Details of exam

1 hour. 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), bonding, states of matter, the calculations-moles, solutions, gases, atom economy and percentage yield, metals and acids

Revision tips / websites / guides

Revision checklist (electronic on SMH)

Revision guides

BBC bitesize

SENECA

Equipment required

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

GCSE Computer Science

Details of exam

OCR GCSE Computer Science

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

Topics covered

Please see separate sheet given to you and on ShowMyHomework

- ◆ Systems Architecture
- ◆ Memory
- ◆ Storage
- ◆ Programming techniques
- ◆ Computational Logic
- ◆ Representation of data

Revision tips / websites / guides

Smart revise

Text books [blue cgp books I gave you]

I've set some revision tasks on ShowMyHomework

Search CraginDave on you tube

Equipment required

Black pen and a pencil. No calculators are allowed.

English Literature

Details of exam

Paper 2 - Modern Texts and Poetry: *An Inspector Calls*, Anthology Poetry and Unseen Poetry

2 hours and 15 minutes

- ♦ 1 question (from choice of 2) on *An Inspector Calls*
- ♦ 1 comparative question on 2 poems from the Anthology linked to ideas of power and conflict
- ♦ 1 question on an unseen poem
- ♦ 1 question comparing two unseen poems

Topics covered

- ♦ *An Inspector Calls*
- ♦ Anthology Poetry - Power and Conflict
- ♦ Unseen Poetry

Revision tips / websites / guides

- ♦ Reread examination texts
- ♦ Reread your Literature work in your folders
- ♦ Revision materials available on *ShowMyHomework*
- ♦ Copy out key quotations and learn for exam texts—use your Knowledge Organisers
- ♦ BBC Bitesize Website
- ♦ York Notes: Workbooks for exam texts (an excellent investment)
- ♦ Watch film/televised versions of texts such as *An Inspector Calls*

Equipment required

Pen and highlighter.

Fine Art

Details of exam

The five hour exam will be based on the Organic Art Project. In the exam you will be expected to create a response that uses your original drawings or recordings (photographs) to create a final response. You must ensure it has links to relevant artist, style or technique.

Topics covered

You can use any of the following materials:

- ◆ Drawing (Pencil/crayon/pen/wash)
- ◆ Painting (Water colour/acrylic/gouache)
- ◆ Printing (Mono/lino)
- ◆ Digital (Photoshop/Blender)
- ◆ Sculpture (Clay/wire/paper Mache)
- ◆ Mixed Media

Revision tips / websites / guides

- ◆ Make sure you have planned your response before the final exam.
- ◆ Ensure you include first hand recording as well as collected image.
- ◆ Make sure you can see a clear reference to any artist or image that you have chosen to develop your ideas.
- ◆ Practise any material you use before the exam.
- ◆ Use Pinterest for visual references.

Equipment required

All equipment will be provided unless you require specialist materials which you can bring into the exam yourself (e.g. your own paints or pencil crayons).

French, German and Spanish

Details of exam

Listening exam 35 Minutes

Reading exam 45 Minutes

You will do a writing paper at either Foundation or Higher level

Foundation (one hour)

- ◆ Describe a photo
- ◆ Write 40 words on a topic
- ◆ English to Spanish/German/French translation
- ◆ Write 90 words on a topic

Higher (one hour 15 minutes)

- ◆ Write 90 words on a topic
- ◆ Write 150 words on a topic
- ◆ English to Spanish/French/German translation

Topics covered

Those covered in your class so far.

French : relationships with family and friends, describing yourself, free time, technology, celebrations, where you live

German: School, free time, friends and family, home life

Spanish: holidays, school, family, free time, where you live

Revision tips / websites / guides

- ◆ Learn the basic expressions
- ◆ Learn verbs in past, present and future
- ◆ Learn the verb endings in your verb tables
- ◆ Learn topic vocabulary

Equipment required

Black pen

Geography

Details of exam:

The exam will be 1 hour.

Topics covered

Living World and Economic Development

Distribution of Tropical Rainforests (TRF)

Structure of TRF

Why are some TRF deforested more / less than others?

What does a model of the nutrient cycle look like and what does it show?

What methods can we use to reduce desertification?

What is GNI and why does it vary between countries?

How can tourism reduce the development gap?

How can international aid help a LIC / NEE?

What is intermediate technology and why is it good?

How have Shell helped reduce the development gap in Nigeria?

How have transport improvements in the UK helped encourage development?

Revision tips / websites / guides

Seneca exercises have been set for all pupils and the code is on Showmyhome-work.

All pupils have knowledge organiser A3 sheets

BBC Bitesize GCSE Geography AQA is also recommended

Equipment required

Pen, pencil, ruler, protractor, pair of compasses and a calculator.

Graphic Communication

Details of exam:

The five hour exam will be based on the commemorative stamps project which we have been working on.

In the exam you will be expected to create 2 final designs of your stamps based on the research of existing products, key artists, drawings and skills you have completed in your sketch books.

You will not have access to the internet and you will not be able to talk to other students, but you can speak to Miss Aston to ask for things.

Topics covered

Photoshop, Illustrator, digital drawing, photography, typography, drawing, printing, collage, packaging nets, 3D graphic forms.

Revision tips / websites / guides

- ◆ Use Pinterest to collect inspirational images to assist your design work.
- ◆ Plan your final design before the day of the exam.
- ◆ Plan your use of time for the five hours of the exam
- ◆ Practise any materials or skills that you want to use in your final design before the exam.

Equipment required

You will have access to all the normal materials and equipment that we use in lessons. If you require any special papers or crayons or anything you know we do not have in school please bring that with you to the exam.

History

Details of exam

- ◆ There is one exam with two sections.
- ◆ The exam will be 1 hour 15 minutes long.

Your teacher will talk to you about the type of questions you have to answer for each topic and show you what the exam will look like.

Topics covered

Section A: The British Sector of the Western Front 1914-1918: Injuries, treatment and trenches.

Section B: Medicine in Britain, c1250-present

Revision tips / websites / guides

New GCSE History Edexcel Revision Guide - for the Grade 9-1 Course (CGP GCSE History 9-1 Revision)

<https://www.amazon.co.uk/GCSE-History-Edexcel-Revision-Guide/dp/1782946055>

All students also have log in information to create an account with Seneca - a free online revision website:

<https://app.senecalearning.com/teacher/classes>

<http://www.bbc.co.uk/schools/gcsebitesize/history/shp/>

All our revision resources are available on the South Wolds history Padlet:
<https://padlet.com/cfox48/eojbltg8vl0z>

Equipment required

A black pen (highlighter may also be useful).

Mathematics

Details of exam

Three papers each 1 hour and 30 minutes.

Paper 1 (Non Calculator)

Paper 2 (Calculator)

Paper 3 (Calculator)

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. These can be found on the AQA website.

Use your revision guide and work book to practise questions.

Websites

Mymaths

Dr frost maths

Corbett maths

Equipment required

Black pens, pencils, ruler, protractor, pair of compasses and scientific calculator

Music

Details of exam

A one hour listening paper including short answer questions and multiple choice based on listening to extracts of music.

Topics covered

Area of study 1 - Musical Forms and Devices a prepared extract of Eine Kleine Nachtmusik. There will also be unfamiliar extracts you will need to listen to and answer questions on including pieces of music from area of study 2

Area of study 2 - Music for Ensemble

Area of study 3 - Film Music

Area of study 4 - Popular Music. There will also be dictation questions where you will need to apply theoretical knowledge based on music theory and write down the melody or rhythm heard

Revision tips / websites / guides

There are lots of resources on BBC Bitesize Eduqas GCSE music as well as youtube, the Eduqas site has multiple choice questions based on the terminology. Also think of MRS D HITT when listening to analysing songs. Consult your notes from lessons and use your folders

Equipment required

A black pen.

Philosophy & Ethics

Details of exam

The exam is one hour. In this time you will be answering questions from a '**Religion**' paper and questions from a '**Philosophy and Ethics**' paper. The '**Religion**' paper has five questions (a,b,c,d and e) and the '**Philosophy and Ethics**' paper has four questions (a,b,c and d). The questions will be a selection of 3,6 and 15 mark questions. Both papers only have one 15 mark question. You will have half an hour to complete the '**Religion**' paper and half an hour to complete the '**Philosophy and Ethics**' paper

Topics covered

1. Islamic Beliefs and Teachings (Religion Paper)
2. Relationships (Philosophy and Ethics paper)

Revision tips / websites / guides

Revision posters are available from The Print Room. They cost 50p for both posters if you want them on A3 and in colour (you can use these again in Year 11 so keep hold of them). **These will also be available on Show My Homework.** We will also be doing revision sessions during class time and will spend a further hour reviewing the exam once you get your results back.

Equipment required

A black pen.

Photography

Details of exam

The five hour exam will be based on the Key Skills Project or the more recent individual project you have been doing. In the exam you will be expected to create a response that uses your original photographs. You must ensure your response has a clear link to an artist, style or theme.

Topics covered

You can use any of the following:

- ◆ Photography work (Studio/classroom only)
- ◆ Photoshop
- ◆ Blender
- ◆ Printed Photographs (single or multiple images)
- ◆ Mixed Media work using Photography
- ◆ Film and Animation

Revision tips / websites / guides

- ◆ Make sure you have planned your response before the final exam.
- ◆ Ensure you include first hand recording as well as collected image.
- ◆ Make sure you can see a clear reference to any artist or image that you have chosen to develop your ideas.
- ◆ Practise any material you use before the exam.
- ◆ Use Pinterest for visual references.

Equipment required

All equipment will be provided unless you require specialist materials which you can bring into the exam yourself (e.g. your own camera or drawing tablet).

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
- ♦ Cardiovascular and respiratory systems
- ♦ Effects of exercise on the body

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

1 hour. 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, density, particle model and radioactivity.

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

Product Design

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

- ◆ Different materials and their properties
- ◆ Sustainability within Design and Manufacture
- ◆ Manufacturing Techniques and different types of Production
- ◆ The Design Process
- ◆ Ergonomics and Anthropometrics
- ◆ Drawing and presenting information
- ◆ Calculating materials and energy usage

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

Colour Crayons

Eraser

Sociology

Details of exam

One fifty minute exam. It will be in the format and structure of Paper 1.

Mixture of short questions and one essay

Topics covered

Research Methods

Sociology the Basics (culture, socialisation, social control, gender identity)

Family

Revision tips

Revision guide available from Mrs Hayden (£4).

Revision resources are on the Sociology revision website:

<https://sites.google.com/southwolds.notts.sch.uk/gcse sociology/home>

Revision materials will be distributed in class to students on SMH.

Equipment required

Black pen.

Textiles

Details of exam

The exam will last for 4 hours and take place in the Textiles room. During the exam you will be expected to make a final response to the project you have been working on (insects). You will make an insect using the decorative techniques and construction techniques you have learnt during your Textiles lessons.

Topics covered

Mixed media textiles to create texture.
Printing methods and embroidery techniques.
Working with wire to create structures.

Revision tips / websites / guides

Ensure design work is completed prior to the exam.

Equipment required

Any fabrics you need to complete your piece.