

HELSEBY

High School



**Achieving Success
Valuing Others**

2023-24

Year 10

Quick Guide

**Exam Preparation
for Assessment 2**

Art & Photography

Students will show their work to date to be assessed by their class teacher. They will undertake key tasks to assess the skills they have developed so far.

Use sketch books, power points and assessment feedback to date to help you prepare for this assessment.

Day wk1	period	Class and Staff
Monday 10 th June	P4 and p5 P4 and P5	10aar1 (JMN) 10aar2 (SRA)
Day wk2	period	Class and Staff
Monday 17 th June	P4 and p5 P4 and P5	10bar1 (SRA) 10bPY1 (HAD)

Business Studies

Students will be assessed on Units 1.4 and 1.5.

To support their revision, students should use pages 25-41 in their revision guide and pages 17-25 in their blue knowledge book.

The following GCSE Bitesize links will also help students to prepare for their assessment;

<https://www.bbc.co.uk/bitesize/guides/z48x7nb/revision/1>
<https://www.bbc.co.uk/bitesize/guides/z4wtmfr/revision/1>
<https://www.bbc.co.uk/bitesize/guides/z7t3f4j/revision/1>
<https://www.bbc.co.uk/bitesize/guides/z6scbdlm/revision/1>
<https://www.bbc.co.uk/bitesize/guides/zdmfpg8/revision/1>
<https://www.bbc.co.uk/bitesize/guides/zmnr382/revision/1>
<https://www.bbc.co.uk/bitesize/guides/zrwtmfr/revision/1>
<https://www.bbc.co.uk/bitesize/guides/zdxynrd/revision/1>

Computer Science

Students will be assessed on all the work covered this year. The page numbers in the brackets refer to the pages in the revision guide, which all students have.

- 3.1 Fundamentals of algorithms – just definitions of algorithm, decomposition, abstraction and pattern recognition (Page 1)
- 3.2 Programming – be able to write basic Python programs using all the skills covered so far such as asking for user input, using IF statements and FOR loops (Pages 8-15, 23-24, 26)
- 3.3 Fundamentals of data representation (Pages 37-48)
- 3.4 Computer systems (Pages 34-36, 50-60)
- 3.5 Fundamentals of computer networks (Pages 65-69)

Students have a full set of class booklets and a revision guide.

Revision videos on YouTube:

<https://www.youtube.com/playlist?list=PLCiOXwirraUB4v9JBZJplGaFS4gNIF6h>

(Please note that these cover the whole course so you will need to select the topics to revise)

English

English Language

Component One: 20th Century Literature Study and Creative Prose Writing (1 hour and 45 minutes)

Section A – Reading (40 marks)

This section will test through structured questions the reading of an unseen extract from one 20th century literary prose text (about 60-100 lines).

This section assesses the ability to identify and interpret explicit and implicit information and ideas (AO1); explain, comment on analyse how writers use language and structure to achieve effects and influence readers, using relevant subject terminology to support their views(AO2) and evaluate texts critically and support this with appropriate textual references (AO4.)

Section B – Prose Writing (40 marks)

This section will test creative prose writing through one 40-mark task. Candidates will be offered a choice of four titles giving opportunities for writing to describe and narrate, and imaginative and creative use of language. This response should be a narrative / recount.

This section assesses the ability to communicate clearly, effectively, and imaginatively, selecting and adapting tone, style and register for different forms, purposes and audiences; organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts (AO5) and use a range of vocabulary and sentence structures for clarity, purpose and effect, with accurate spelling and punctuation. (AO6).

English Literature

Component One: Shakespeare and Poetry (2 hours)

This component assesses Shakespeare and poetry from 1789 to the present day. In Section A, students will need to show their knowledge of dramatic techniques and demonstrate their understanding of plot, characterisation, events and key themes; they will need to analyse language, structure and form closely in order to engage critically with the text.

In Section B, learners have the opportunity to show their understanding of the poems and the relationships between them and the contexts in which they were written.

Section A Shakespeare: 'Macbeth' (40 marks)

One extract question and one essay question based on the reading and study of 'Macbeth'. (1 hour)

This assessment will test, through one extract-based question and one essay question on the text as a whole, knowledge and understanding of a Shakespeare text. Students will be expected to comment on Shakespeare's use of language, structure and form and show an understanding of key themes, characters and ideas within the text. This section will also test students' spelling, punctuation and grammar.

Section B: Poetry Anthology (40marks)

This assessment will test knowledge and understanding of poetry from 1789 to the present day.

Learners will be assessed on two poems from the WJEC Eduqas Poetry Anthology. In the first question, learners will be asked to write about a specified poem. In the second question, learners will be asked to write about a second poem chosen from the WJEC Eduqas Poetry Anthology, and compare it to the first.

Students will be expected to consider the context of each poem, its content and key ideas, and the poets' use of language, structure and form.

Students will be prepared for the assessments both in class, through homework tasks and revision materials given to them by their class teacher.

Geography

Pupils will be tested on the application of geographical skills.

The length of the paper is 45 minutes.

Pupils are asked to make use of past papers and revision guides to support their revision.

The following geographical skills will be tested:

With respect to **cartographic skills**, learners should be able to:

- use and understand coordinates, scale and distance
- extract, interpret, analyse and evaluate information
- use and understand gradient, contour and spot height (on OS and other isoline maps)
- describe, interpret and analyse geo-spatial data presented in a GIS framework.
- use and understand a variety of maps including choropleth maps, isoline maps, desire line and flow lines.

With respect to **graphical skills**, learners should be able to:

- extract, interpret, analyse and evaluate information

With respect to **numerical** and **statistical skills**, learners should be able to:

- calculate and understand percentages (increase and decrease) and percentiles
- understand and correctly use cumulative frequency

History

Topic: The Elizabethans 1580-1603

- Daily Lives
- Popular Culture
- Wider World
- Government
- Threat from Catholic plots

Questions:

The paper will be split over two lessons and will include the following style questions

Q6a 3 mark interpretation question

Q6b 5 mark interpretation question

Q7 12 mark interpretation question

Q8 / Q9 20 mark essay question from a choice of two

Students will take their exercise books home to revise and will be given a revision schedule to follow in the weeks leading up to the assessment. They will be provided with additional revision resources by their class teacher to be completed at home. These will also be shared on Class Charts.

Students can also access revision materials on GCSE Pod and BBCBitesize

Year 10 D&T

- 1 x 50 min written assessment
- Mr Kelly's 10A/Dt1 group will be on Monday 10th June, P4 and P5
- Miss Beardmore's 10B/Dt1 group will be on Monday 17th June, P4 and P5
- Students require a calculator, pen, pencil, ruler and eraser for this written assessment
- Topics covered:
 - Section A: Core Technical principles
 - Sustainability
 - Environment
 - Life Cycle Assessment
 - Renewable Energy
 - Material Categories – Timbers, Polymers and Metals
 - Material Properties
 - Section B: Specialist Technical principles
 - The six R's
 - How to shape and form different materials using cutting, abrasion and wasting.
 - Understanding of stock forms and standard components
 - How materials are cut, shaped and formed to a tolerance
 - Section C: Designing and Making principles
 - Use primary and secondary data to understand client and/or user needs e.g. product analysis.
 - CAD and CAM
 - Tolerance
 - Specialist tools and equipment
 - Surface treatments and finishes.
- Suggested Revision Resources:
 - Revision resources will be placed on class charts.
 - Pupils should refer to their classwork and resources provided from lessons.
 - BBC Bite Size: <https://www.bbc.co.uk/bitesize/examspecs/zby2bdm>
 - A recommended revision guide for our AQA GCSE D&T course should you wish to purchase one is: <https://www.cgpbooks.co.uk/secondary-books/gcse/design-technology/d-t/tar41-gcse-design-technology-aqa-revision>

Year 10 Food

- Students will undertake both a written and practical assessment linked to unit 4: protein rich foods.
- The practical assessment will take place in the double lesson on Monday 17th June and be in response to a given brief. The brief will be provided to students in lesson, well in advance of the practical assessment.
- The written assessment will take place in lesson on Friday 21st June and cover the following topics covered within Unit 4 Protein Rich Foods.
 - Protein – structure, amino acids (essential and non-essential), functions in body, biological value, effect of heat, denaturation, coagulation
 - Meat – classification, origins, production, choice, storage, preparation, cooking methods, nutritional values in the diet (including biological value)
 - Fish – classification, origins, production, choice, storage, preparation, cooking methods, nutritional values in the diet (including biological value)
 - Eggs – origins, production, storage, preparation, nutritional values in the diet (including biological value), versatility and uses in cooking
 - Alternative Protein Foods - classification, origins, production, choice, storage, preparation, cooking methods, nutritional values in the diet (including biological value)
 - Vegetarian diets
 - Meat restrictions relating to some religious groups
- Pupils should use their class notes as the main source of revision. In addition they can use the SENECA learning platform along with accessing the digital version of our GCSE text book. Details for this are all posted on ClassCharts.

Year 10 Health & Social Care

- The students will be starting their second live, Non-Exam Assessment task (NEA) which will account for 30% of their actual final qualification grade. This will take place in EVERY H&SC lesson both within the year 10 assessment fortnight and beyond. This is not a task that requires students to revise in preparation for, just ensure they attend every lesson and follow teacher guidance.

Maths

In Maths, you will complete two 90-minute papers. The first will be non-calculator. The second will be calculator. Please bring your own scientific calculator to paper 2. Revision topics are:

Higher	Foundation
1 Number	1 Number
2 Algebra	2 Algebra
3 Interpreting and representing data	3 Graphs, tables and charts
4 Fractions, ratio and proportion	4 Fractions and percentages
5 Angles and trigonometry	5 Equations, inequalities and sequences
6 Graphs	6 Angles
7 Area and volume	7 Averages and range
8 Transformations and constructions	8 Perimeter, area and volume 1
9 Equations and inequalities	9 Graphs
10 Probability	10 Transformations
11 Multiplicative reasoning	11 Ratio and proportion
12 Similarity and congruence	12 Right-angled triangles
13 More trigonometry	13 Probability
14 Further statistics	14 Multiplicative reasoning
15 Equations and graphs	15 Constructions, loci and bearings
	16 Quadratic equations and graphs
17 More algebra	

Media Studies

Component One, Section A, topics to revise:

- Film posters/industry (No Time To Die and The Man With The Golden Gun)
- Magazines (GQ and Pride)
- Advertising (Quality Street and This Girl Can)

There will also be an 'unseen' element which could be a magazine cover, film poster or advert that students have not previously studied, to be compared and contrasted with one of the set texts listed above.

Students will need to revise key terminology and theory (in addition to the 6 set texts listed above) and can do so on the Eduqas website using the free digital resources available there, their Zig-Zag e-revision accounts, and the Mrs Fisher YouTube text and theory revision videos.

Year 10 Media exam will be Monday 10th June, periods 4&5 (double

MFL

MFL- Y10 exam information (Summer 2024)

French

Reading exam (45 minutes)– higher or foundation tier - You will have a GCSE-style paper with a series of short texts in French to read. Each text will be followed by some questions in English or multi-choice boxes to tick, to show what you have understood. These are the kind of tasks that we regularly do together in lessons. There will be a short translation into English as the final question.

Listening exam (45 minutes)–higher or foundation tier - You will have a GCSE-style paper with a series of short-spoken tracks in French to listen. Each track will be followed by some questions in English or multi-choice boxes to tick, to show what you have understood. These are the kind of tasks that we regularly do together in lessons.

Writing exam (45 minutes)– you will have a few sentences to translate into French (so make sure you revise your tenses!) The foundation tier will have a phot to describe and one 90-word question with four bullet points. The higher tier will have one 150-word question with two bullet points. The topic for both these extended writing will be **EDUCATION** (your experiences at school & future education plans).

Speaking exam - your MFL teacher will give you an appointment for this (week beginning 24 June). You will have a photo card, role-play & conversation. For the conversation, you will need to learn theme 2 – TOWN/REGION and HOLIDAYS.

How to prepare –

- Do regular GCSE French (AQA legacy) exam skills practice on LANGUAGE NUT
- Do regular GCSE French (AQA legacy) vocabulary revision on LANGUAGE NUT
- Practise writing some sentences about your educational experiences in 3 tenses
- Remember which grammatical tenses & structures that you need to include, and practise these.

German

Reading exam – higher or foundation tier - You will have a GCSE-style paper with a series of short texts in German to read. Each text will be followed by some questions in English or multi-choice boxes to tick, to show what you have understood. These are the kind of tasks that we regularly do together in lessons. There will be a short translation into English as the final question.

Listening exam – higher or foundation tier - You will have a GCSE-style paper with a series of short-spoken tracks in German to listen to. Each track will be followed by some questions in English or multi-choice boxes to tick, to show what you have understood. These are the kind of tasks that we regularly do together in lessons.

Writing exam (45 minutes)– you will have a few sentences to translate into French (so make sure you revise your tenses!) The foundation tier will have a phot to describe and one 90-word question with four bullet points. The higher tier will have one 150-word question with two bullet points. The topic for both these extended writing will be **EDUCATION** (your experiences at school & future education plans).

Speaking exam - your MFL teacher will give you an appointment for this (week beginning 24 June). You will have a photo card, role-play & conversation. For the conversation, you will need to learn theme 2 – TOWN/REGION and HOLIDAYS.

How to prepare –

- In your vocabulary booklet, look over the of the topics that we have covered this year - Lifestyle, town and holidays, and last year – education, free time (TV, film, technology), sport, festivals & celebrations, and friends and family.
- Practise the special vocab exam set which is on LANGUAGE NUT
- Practise writing some sentences about your educational experiences activities. Remember which grammatical tenses & structures that you need to include, and practise these.

Music

Year 10 Date – Period - Teacher

10aMu1 Monday 10th of June – P4 & P5 GSI

Students will be completing an adapted GCSE exam which will include all topics which students have currently studied. This exam is in two sections. Section A is a listening test in which students answer questions based on what they hear. Section B will be a written section in relation to the Set Works we have studied so far including an essay question.

BTEC Performing Arts

10bPa1 Monday 17th of June – P4 & 5 GDO

Students will be completing the BTEC skills log, this is part of their performance they are completing this summer term, they need to write a maximum of 800 words about their performance and the skills they're developing within it.

They're assessed on their choices made and the development of their skills, contribution to the rehearsal/development process and the use of the influence of their chosen practitioner.

GCSE PE

The exam will cover content from all teaching and learning to date. Students have topic booklets for each area which will include:

Fitness and Body Systems

- The muscular system
- The skeletal system
- The cardiovascular system
- The respiratory system

Physical Training

- Health, fitness and exercise
- The components of fitness and fitness testing
- The principles of training
- Methods of training

Revision sources/methods

- <https://www.bbc.co.uk/bitesize/examspecs/zxbg39q>
- YouTube – search for topic guides ensuring the exam board is Edexcel
- Red Smart books and mark books (in folders)
- Pearson website for PE - <https://qualifications.pearson.com/en/qualifications/edexcel-gcses/physical-education-2016.html>
- Revision resources in the 'RMshared documents' folder, including past papers.

Science

GCSE Biology Combined Science Trilogy

Your assessment will be a full Paper 1 Biology exam, for which content was taught in year 9 and 10. The following topics can be assessed in Paper 1.

- B1 – Cell structure & transport
- B2 – Cell division
- B3 – Organisation and the Digestive system
- B4 – Organising animals and plants
- B5 – Communicable disease
- B6 – Preventing and treating disease
- B7 – Non communicable disease
- B8 – Photosynthesis
- B9 - Respiration
- How Science Works skills such as; analysing data, simple calculations and evaluating information.
- Required Practicals
 - Investigating microscopy
 - Investigating Osmosis in plant tissues
 - Investigating the effect of pH on Enzymes
 - Food tests
 - Investigating the effect of light intensity on Photosynthesis

Your assessment will last 75 minutes, and you should bring a pen, pencil, calculator and ruler. You will be provided with digital copies of knowledge organisers and useful revision links via ClassCharts.

GCSE Separate Science: Biology

Your assessment will be a full Paper 1 Biology exam, for which content was taught in year 9 and 10. The following topics can be assessed in Paper 1.

- B1 – Cell structure & transport
- B2 – Cell division
- B3 – Organisation and the Digestive system
- B4 – Organising animals and plants
- B5 – Communicable disease
- B6 – Preventing and treating disease
- B7 – Non communicable disease
- B8 – Photosynthesis
- B9 - Respiration
- How Science Works skills such as; analysing data, simple calculations and evaluating information.
- Required Practicals
 - Investigating microscopy
 - Investigating the effect of antiseptics on bacterial growth
 - Investigating Osmosis in plant tissues
 - Investigating the effect of pH on Enzymes
 - Food tests
 - Investigating the effect of light intensity on Photosynthesis

Your assessment will last 75 minutes, and you should bring a pen, pencil, calculator and ruler. You will be provided with digital copies of knowledge organisers and useful revision links via ClassCharts.

Chemistry

GCSE Combined Science Trilogy – Chemistry

Your assessment will be a full Paper 1 chemistry exam, for which the content was taught in year 9 and 10. The following topics can be assessed in Paper 1

- C1 Atomic Structure
- C2 The periodic table
- C3 Structure & Bonding
- C4 Chemical Calculations
- C5 Chemical Changes
- C6 Electrolysis
- C7 Energy Changes
- How Science Works skills such as; analysing data, simple calculations and evaluating information.
- Required practical's:
 - Preparing a soluble salt
 - Electrolysis of aqueous solutions
 - Temperature changes
 - Neutralisation - titration

Your assessment will last 75 minutes, and you should bring a pen, pencil, calculator and ruler.

You will be provided with digital copies of knowledge organisers and useful revision links via ClassCharts.

A full paper 1 revision homework is set on Seneca for all students to complete prior to the assessment.

GCSE Separate Science: Chemistry

Your assessment will be a full Paper 1 chemistry exam, for which the content was taught in year 9 and 10. The following topics can be assessed in Paper 1

- C1 Atomic Structure
- C2 The periodic table
- C3 Structure & Bonding
- C4 Chemical Calculations
- C5 Chemical Changes
- C6 Electrolysis
- C7 Energy Changes
- How Science Works skills such as; analysing data, simple calculations and evaluating information.
- Required practical's:
 - Preparing a soluble salt
 - Electrolysis of aqueous solutions
 - Temperature changes

Your assessment will last 1 hour and 45 minutes, and you should bring a pen, pencil, calculator and ruler.

All revision resources are available on MS Teams – GCSE Separate Science.

Including revision mats, summary notes, knowledge organisers, podcasts and past papers.

Physics

GCSE Physics Combined Science Trilogy

Your assessment will be a full Paper 1 physics exam, for which the content was taught in year 9 and 10. The following topics can be assessed in Paper 1

- P1 – Energy stores & transfers
- P2 – Energy transfers by heating
- P3 – Energy resources
- P4 – Electric Circuits
- P5 – Electricity in the Home
- P6 – Particle Model of Matter
- P7 - Radioactivity
- How Science Works skills such as; analysing data, simple calculations and evaluating information.
- Required practical's:
 - Investigating specific heat capacity
 - Investigating I-V Characteristics
 - Investigating the resistance of a wire
 - Investigating density

Your assessment will last 75 minutes, and you should bring a pen, pencil, calculator and ruler.

You will be provided with digital copies of knowledge organisers and useful revision links via ClassCharts.

A full paper 1 revision homework is set on Seneca for all students to complete prior to the assessment.

GCSE Separate Science: Physics

Your assessment will be a full Paper 1 physics exam, for which the content was taught in year 9 and 10. The following topics can be assessed in Paper 1

- P1 – Energy stores & transfers
- P2 – Energy transfers by heating
- P3 – Energy resources
- P4 – Electric Circuits
- P5 – Electricity in the Home
- P6 – Particle Model of Matter
- P7 – Radioactivity
- How Science Works skills such as; analysing data, simple calculations and evaluating information.
- Required practical's:
 - Investigating specific heat capacity
 - Investigating thermal insulator
 - Investigating I-V Characteristics
 - Investigating the resistance of a wire
 - Investigating density

Your assessment will last 1 hour and 45 minutes, and you should bring a pen, pencil, calculator and ruler. All revision resources are available of MS Teams – GCSE Separate Science.

Including revision mats, summary notes, knowledge organisers, podcasts and past papers.

Seneca Revision homework deadlines (all tasks set before Easter break):

Seneca Hw Task Topics	10 SEP Acc. Due Date	10 SEP Option Due Date
P1, P2 & P3 – Energy	17/04/2024	19/04/2024
P4 & P5 - Electricity	01/05/2024	03/05/2024
P6 – Particle Model	15/05/2024	17/05/2024
P7 - Radioactivity	22/05/2024	21/05/2024

GCSE Sociology

Students need to revise the following:

Research Methods

- Intro and Experiments
- Types of Data
- Survey & Questionnaires
- Interviews
- Observations
- Case studies and longitudinal studies
- Ethnography
- Sampling
- Analysing Data
- Quantitative Data
- Qualitative Data

Remember to revise strengths and limitations plus practical and ethical considerations.

Family

- What is a family?
- Family Diversity including Rappaports
- Nuclear Family
- Alternatives to the family
- Families in a Global context
- Functionalism and the family (Murdock & Parsons)
- Alternative theories on the functions of the family (Marxist, Feminism, Delphy & Leonard)
- Relationships within families
- Marriage
- Divorce
- Theories about Divorce (Functionalist, Marxist and Feminist views)
- Conjugal Roles (Oakley)
- Functionalist, Feminist & Marxist theories about conjugal roles
- Symmetrical family (Young & Wilmott)
- Power relationships

Students have been provided with revision booklets, banks of example exam questions and can also access Seneca via the link on show my homework and selecting the Sociology: AQA GCSE option.