

HELSEBY

Sixth Form



Year 12

Subject Specific Revision Information for the Assessments January 2024

Maths

2 X 50 minute assessments

Topics:

- Algebraic Expressions (1)
- Quadratics (2)
- Equations and Inequalities
- Graphs and Transformations
- Straight line graphs (5)
- Circles (6)
- Differentiation
- Vectors
- Data Collection
- Measures of Location and Spread
- Representations of Data

Resources Provided: Formula Booklet

Equipment Required: Calculator Pen, Pencil, Ruler

Revision resources: Active Learn Maths Genie Corbett Maths Dr Frost

Additional Information: Drop in sessions Tuesday and Wednesday after school if wanted.

Further Maths

2 x 50 minute assessments

Topics:

- Complex Numbers
- Argand Diagrams
- Series
- Roots of Polynomials
- Discrete Random variables
- Poisson Distribution
- Momentum and Impulse
- Work
- Energy and Power

Resources provided: Formula Booklet

Equipment required: Calculator Pen, Pencil, Ruler etc.

Revision Resources: Kerboodle Maths Genie Corbett Maths Dr Frost Active Learn

Additional Information: Drop in sessions Tuesday and Wednesday after school if wanted

Core Maths

1 x 1 hour assessment

Topics to be covered: Topics will be discussed during lesson time with Mrs Ramage

Equipment required: Calculator Pen, Pencil, Ruler etc.

Revision Resources: Text Book, Exercise book

English Language

2 x 1 hour 15 minute assessments

Topics:

- Paper 1 Section A Language Variation and Identity
- Paper 2: Child Language Acquisition

Equipment Required: Writing equipment

Revision Resources: Materials shared by teachers on multiple platforms and in lessons

English Literature

2 x 1 hour assessments

Topics:

- 'Othello'
- Keats Tragedy

Resources provided: Exam booklet. Both of these assessments are closed book.

Equipment required: Writing equipment

Revision resources: See Teams and resources from the lessons

Art & Photography

Students will be assessed on their portfolio work in Art and Photography so far.

They will require their Portfolio and sketch book

During the Assessment window students should continue to work on their individual portfolios. All students have been given individual targets and deadlines which they need to work towards.

Media Studies

2 assessments

- 1 x 1 hour long assessment (Component One Section A question 1)
- 1 x 30 minute assessment (Component One Section A question 2)

Topics: Music videos and advertising.

Resources Provided: An audio-visual extract that (MMS) will play at the start of the assessment

Equipment Required: Pen.

Revision resources:

- Zig-Zag e-revision package that all students have their own access to.
- Eduqas free digital resources for Music Videos and Advertising all on the exam board website.
- Notes from class.
- Mrs Fisher Youtube revision videos for music videos and advertising.

Additional Information:

Exam date will be Tuesday 16 January period 2 and Period 4 (MMS's lessons)

BTEC Applied Science

Year 12 have an external exam for Unit 1 – Principles and Applications of Science in January and will be completing mock papers in class. Students will complete a mock exam paper in class on Monday 11 December.

Biology

Assessment Paper 1 45 minutes 40 marks

Assessment Paper 2 45 minutes 40 marks

Topics:

Paper 1

- Biological Molecules (Chapter 1)
- Nucleic Acids (Chapter 2)

Paper 2

- Cells (Chapter 3)
- Transport across membranes (Chapter 4)

General How Science Works skills (eg Maths, Graphs) will also be assessed

Equipment Required: Black pen, pencil, ruler (with millimetre measurements), eraser, scientific calculator

Revision Resources: Will be provided on ClassCharts, including

- <https://mmerevise.co.uk/a-level-biology-revision/>
- Digital learning grids

Chemistry

2 x 50 minute assessments worth 45 marks each

Topics:

Paper 1

- Atomic Structure
- Amount of Substance – up to Ideal Gases

Paper 2

- Bonding
- Kinetics

Resources Provided: Periodic Tables

Equipment Required: Black pen, pencil, ruler (with millimetre measurements), eraser, scientific calculator

Revision Resources:

<https://www.youtube.com/channel/UCPtWS4fCi25YHw5SPGdPz0g>

-Allery Tutor Chemistry Videos link to play list.

<https://www.docbrown.info/page13/page13.htm>- A level Chemistry revision notes.

<http://www.knockhardy.org.uk/sci.htm> - A level Chemistry notes.

<https://s-cool.co.uk/a-level/chemistry> - A level Chemistry notes and activities

<http://www.chemguide.co.uk/> - A level Chemistry notes and activities.

<http://www.chembook.co.uk/> - A level Chemistry notes and activities.

Revision Mats.

Physics

2 x 50 minute assessments

Topics:

- P1 – Matter & Radiation
- P2 – Quarks & Leptons
- P3 – Quantum Phenomena
- P6 – Forces in equilibrium
- P7 – On the Move
- P8 – Newton's laws of motion
- P9 – Force & Momentum

Resources Provided: Data and formula sheet

Equipment Required: Calculator, ruler, protractor, pen, pencil and rubber

Revision Resources: All revision resources to be provided on Classcharts

Revision resources to include:

- Knowledge Organiser folder
- The AQA Equation Sheet.
- List of equations to remember
- Kerboodle online textbook link – students have their own log in to this.
- Practice questions
- Revision websites

Business Studies

1 x 50 minute assessment

Topics:

- 7 Ps Marketing mix
- Product, Product portfolio and product lifestyle
- Pricing strategies
- Methods of promotion
- Location and channels of distribution
- Technology in the Marketing Miz

Revision Resources:

- Revision guide pages 37-42
- Knowledge book pages 14-22
- Tutor2U website
- Class notes for topics 3.3. Marketing

Economics

1 x 45 minute assessment

Topics: Elasticity: PED, PES, XED and YED

Revision Resources:

- Revision guide and videos below <https://www.tutor2u.net/economics/reference/revision-videos?search=elasticity&sort=relevant>

BTEC Business

1 x 45 minute assessment

Topics:

- All of Personal Finance – Learning aims A and B
- Income statements and statement of financial position

Revision Resources:

- Personal Finance booklet (Purple front cover)
- Pages 21-33 in Blue Unit 3 Business Finance Calculation practice booklet

Additional Information: Mixture of short questions, extended answers and calculations

BTEC IT -

Unit 2 Assessment Databases

1 assessment paper 50 minutes

Topics:

- Normalisation
- Table structures and validation
 - Presence check
 - Length check
 - Value lookup
 - Table lookup
 - Format check

Resources Provided: Computers MS ACCESS, printout of assessment

Revision resources:

- <https://www.youtube.com/watch?v=J02wQdMQ2qw&list=PLYXXB4Phri9oNsiSTyrFgwh4Mz9Prt1pZ>

Additional information: Students are not required to do the queries or reports in this assessment

Computer Science

1 x 1 hour 30 minute assessment

Topics:

Paper 1 Topics (MGR)

- 4.1 Fundamentals of programming
- 4.2 Fundamentals of data structures
- 4.3 Fundamentals of algorithms

Paper 2 Topics (MDA)

- 4.5 Fundamentals of Data Representation – whole section
- 4.6 Fundamentals of computer systems – just 4.6.1 Hardware and software

Revision resources:

Students have access to Craig & Dave videos, and they have been making Cornell notes for their revision throughout the subject.

French

A complete French AS assessment of all 3 components spread over 5 lessons –

C1 - **Mon 15 Jan** – you will have a 10 minute one-to-one appointment to complete one photo card that you will have prepared in advance

C2 - **Tues 16, Wed 17 & Thurs 18 Jan** – you will have 3 lessons to complete the listening, reading & translation paper.

C3 - **Fri 19 Jan** – you will have one hour to complete one literature question (you will be given the topic in advance – the life & character of Lou)

Topics: Vocabulary from the key language topics studied this year

Key grammar points (articles, present, perfect, imperfect, future & conditional tenses)

AO4 facts (from the topics studied so far) for your speaking card

Vocabulary and short quotes based around the life & character of Lou

Equipment Required: Pen

Revision resources: Please use your folder to revise the topics and grammar covered so far.

Vocabulary can be revised on Quizlet

Skills practice can be done by logging on to Kerboodle.

Learn some AO4 facts & key discussion points for the photo card (see your notes & handouts)

Additional Information: If, as they revise, students find any areas of difficulty, then they should speak to one of their teachers.

German

A German AS assessment of 2 components & informal discussion of 1 spread over 5 lessons

C1 - **Mon 15 Jan** – you will have a 10 minute one-to-one appointment to complete one photo card that you will have prepared in advance

C2 – **Wed 16 Jan** you will have an hour's lesson to summarize your overall understanding of the plot and the key characters in Goodbye Lenin – open book using study guides. (feedback given not assessed)

C3 - **Thurs 18 Jan** x 2 lessons, **Fri 19 Jan** – you will have 3 lessons to complete the listening, reading & translation paper.

Topics: Vocabulary from the key language topics studied this year

Key grammar points (articles, present, perfect, imperfect, future & conditional tenses)

AO4 facts (from the topics studied so far) for your speaking card

Rewatch the film Goodbye Lenin & read summary notes

Equipment Required: Pen

Revision resources: Please use your folder to revise the topics and grammar covered so far.

Vocabulary can be revised on Quizlet

Skills practice can be done by logging on to Kerboodle.

Learn some AO4 facts & key discussion points for the photo card (see your notes & handouts)

Additional Information: If, as they revise, students find any areas of difficulty, then they should speak to one of their teachers.

Performing Arts

Students will be filming their Life of an Actor PowerPoint presentations on Wednesday 17 January Period 1 that they have been completing since September

History

Unit 1: Subject: Early Tudors 1485-1529 (Henry VII & VIII)

1 x 40 minute assessment - Write one essay from a choice of two questions

Topics: All topics covered up to the end of the autumn term could be included on the paper.

Equipment Required: 2 x pens.

Revision Resources:

- Revision schedule to be provided by your teacher, including activities to be completed each week at home and in-class
- Tudors textbook
- Guidance on question technique provided by teachers

Unit 2: Subject: Russia 1894-1917

1 x 60 minute assessment – One compulsory question (split into 10 marks and 20 mark questions)

Topics: All topics studied up to the end of the autumn term could be included in the paper up to the impact of the First World War and February 1917 Revolution.

Equipment Required: 2 x pens.

Revision Resources:

- Revision schedule to be provided by your teacher, including activities to be completed each week at home and in-class
- Russia textbook
- Guidance on question technique provided by teachers

Politics

You will be given an A-level examination paper spread into three sections:

1 x 40 minute assessment (three compulsory 9 mark questions)

1 x 40 minute assessment (compulsory 25 mark extract question)

1 x 40 minute assessment (one 25 mark essay from a choice of two)

Topics: All the topics covered until the end of the autumn term could be on the paper.

Equipment required: 2 x pens.

Revision Resources:

- Revision schedule to be provided by your teacher, including activities to be completed each week at home and in-class
- Politics textbook
- Guidance of question technique to be provided by teaches

Geography

1 x 55 minute assessment

Topics:

- Water and Carbon Cycles
- Changing places
- Coastal systems and landscapes

Equipment Required: Pen, pencil, ruler, Calculator.

Revision Resources:

- Class notes
- A level textbook
- AQA revision guide
- AQA past papers

Psychology

2 x 30 minute assessments (one in a lesson with NRY, the other in a lesson with NBA)

Topics NRY:

- Memory (24 marks)

Topics NBA:

- Approaches (24 marks)

Equipment Required: Pen, pencil, ruler, calculator

Revision Resources:

- Classwork notes/booklets
- Past paper questions and mark schemes
- Revision cue cards,
- summary tables and mind maps

R.E.

1 x Ethics assessment paper with PJO 45 minutes ONE question 40 marks

Topics:

Ethics Assessment:

- Utilitarianism
- Kant
- Business Ethics

Equipment Required: Pen

Revision Resources: Class notes and textbooks

Criminology

No Assessment - Students will be completing a Controlled Assessment utilising draft documentation they have prepared during lessons.

Sociology

2 x 45 minutes Assessments.
One with MLA one 30 mark question
One with PJO one 20 mark question

Topics:

- Gender and Education (MLA)
- Divorce(PJO)

Equipment Required: Pen

Revision resources:

- Class booklets,
- revision grids and summary sheets,
- Textbooks

Level Cambridge Technical Sport and Physical Activity

1 x 1 hour assessment

Body Systems

Topics:

LO1: Understand the skeletal system in relation to exercise and physical activity

LO2: Understand the muscular system in relation to exercise and physical activity

LO3: Understand the cardiovascular system in relation to exercise and physical activity

Equipment Required: Pen and pencil

Revision resources: Past paper questions and content PowerPoints available via Class Charts and RMShared>Pe>CamT

D&T – Product Design

1 x 50 minute written assessment

Topics:

- Technical Principles and Design making Principles

Content will include performance characteristic and processes linked to timbers, polymers and paper/boards

Equipment Required: Calculator, pen, pencil, ruler and eraser

Revision Resources:

Students should use their revision resources, classwork and homework tasks previously completed to support their preparation. They are also encouraged to purchase a copy of the revision book below which will support them throughout their A Level.

<https://www.hoddereducation.com/subjects/art-design-technology/products/16-18/aqa-as-a-level-design-and-technology-product-desig>

Other useful website may include.

<https://www.bbc.co.uk/bitesize/examspecs/zby2bdm>

<https://filestore.aqa.org.uk/resources/design-and-technology/specifications/AQA-7552-SP-2017.PD>

Level 3 Cambridge Technical - Health and Social Care

Group 12B/Hs1 - Extended Certificate (single award)

1x 50 minute written assessment for SGI's Unit 2 Equality, Diversity & Rights
No assessment for NEA'S unit 1 Building Positive Relationships as it is a portfolio unit

Topics:

Unit 2 Equality Diversity and Rights, covering LO3 content specifically

Equipment Required: Pen

Revision Resources:

- Hodder 'My Revision Notes' textbook
- Unit 2 LO3 Lesson Pack
- Unit 2 LO3 Independent Study Pack
- Unit 2 Exam Pack

Group 12D/Hs1 - Diploma (double award)

1x 50 minute written assessment for SGI's Unit 7 safeguarding
No assessment for NEA'S unit 8 Creativity and activity as it is a portfolio unit

Topics:

Unit 7 safeguarding Covering LO3 content specifically

Equipment Required: Pen

Revision Resources:

- Hodder 'My Revision Notes' textbook
- Unit 7 LO3 Lesson Pack
- Unit 7 LO3 Independent Study Pack
- Unit 7 Exam Pack