

HELSEBY

Sixth Form



Year 12

Subject Specific Revision Information for the Assessments January 2025

Maths

1 X 45 minute assessment

Topics:

- Algebraic methods
- Quadratics
- Equations and Inequalities
- Graphs and Transformations
- Straight line graphs
- Circles
- Differentiation
- Exponentials and Logs
- Data Collection
- Measures of Location and Spread

Resources Provided: Formula Booklet

Equipment Required: Calculator Pen, Pencil, Ruler

Revision resources: Active Learn , Folders, Exit ticket feedback

Website Support: Active Learn, Maths Genie

- Online apps to support
- Other independent study support

Additional Information: Drop in sessions Tuesday and Wednesday after school until 4:00pm in A72.

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. Othello question will be an extract response

Equipment required: Writing equipment

Revision resources: See Teams and resources from the lessons

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 Thursday 16 January period 1 with RMC.

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.

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.

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

Performing Arts

Students will be delivering their Life of an Actor PowerPoint presentations on Wednesday 15 January Period 2 for assessment.

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 Mix

Revision Resources:

- Revision guide pages 37-42
- Knowledge book pages 14-22
- Tutor2U website <https://www.tutor2u.net/business>
- Class notes for topics 3.3. Marketing

Economics

1 x 45 minute assessment

Topics:

Mrs Turner

- Economics as a social science,
- Positive and normative statements
- The economic problem,
- Production possibility frontier
- Specialisation and the division of Labour
- Free Market economies, mixed economy and command economy
- 1.3.1 Types of market failure,
- 1.3.3 Public Goods
- 1.3.4 Information gaps

Mrs Lindop

- 1.2.2 Demand,
- 1.2.3 Price, Income and Cross Elasticities of Demand
- 1.2.4 Supply,
- 1.2.6 Price determination

Revision Resources:

- Revision notes you have made and www.tutor2u.com and Econ Plus Dal websites.
- Class Folders
- Consider purchasing a Pukka pad (or equivalent) rather than revision cards as there will be more space for your revision notes and it would also be all contained in one area. There are 4 Units so a pad for each would be ideal.

Additional Information: You need to be able to draw and correctly label diagrams

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 (MGR)

1 assessment paper 45 minutes

Unit 3 – Using Social Media in Business (MDA) – No Assessment

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

2 x 45 minute assessments

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

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 – split over 2 lessons

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 outbreak of World War One.

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 with NBA **Approaches** (24 marks) **Biopsychology** (24 marks)

2 x 30 minute assessments with NRY **Social Influence** (24 marks) **Memory** (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
- <https://www.tutor2u.net/psychology>

Sociology

1 x 45 minute assessment with MLA **Social Class and achievement** one 30 mark question

1 x 30 minute assessment with PJO **Gender Roles** one 20 mark question

Equipment Required: Pen

Revision resources:

- Classwork notes and booklets,
- Past Paper questions and mark schemes
- Revision cue cards

Criminology

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

Level Cambridge Technical Sport and Physical Activity

1 x 45 minute 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

Technical Principles and Design Making Principles content will include:

Topics:

- Materials and their applications
 - Classification of materials
 - Methods for investigating and testing materials
- Woods
 - Performance characteristics of woods
 - Wood enhancement
 - Wood processes
 - Wood finishing
- Metals
 - Performance characteristics of metals
 - Metal enhancement
 - Metal processes
 - Metal finishing
- Forming, redistribution and addition processes
 - The use of adhesives and fixings
 - Jigs and fixtures
- Practical Processes including
 - Metal Turning
 - Internal / External Threads
 - Timber laminating, Steam Bending and Joining of materials
- The Design Process
 - Investigation of design contexts / Exploration of possible options

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/design-and-technology/aqa-as-a-level-design-and-technology-product-design>

Other useful website may include.

<https://www.aqa.org.uk/subjects/design-and-technology/a-level/design-and-technology-7552/specification/specification-at-a-glance>

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

Level 3 Cambridge Technical - Health and Social Care

Group 12D/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 that is ongoing and continually assessed.

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 12A/Hd1 - 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 that is ongoing and continually assessed.

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