



Glenmoor & Winton Academies

High Achievement – High Standards

Part of United Learning

Year 8 Rank Order Assessments

12th - 23rd May 2025

Information & Support for
Students & Parents/Carers



Mathematics

Contact: kleachman@glenmoorandwinton.org.uk

Students will sit two exams that are each 60 minutes long. One exam will be a calculator paper and the other a non-calculator paper. These will assess the knowledge students have obtained from year 8 as well as content previously covered in year 7 and general mathematical skills.

Topics to be covered in the exam:

Year 8 Content:

- Powers and Roots
- Prime Factorisation
- Rounding – eg. to decimals places/significant figures and estimation.
- Fractions – simplifying, converting between mixed numbers and improper fractions, ordering, addition, subtraction, multiplication, division and finding fractions of amounts.
- Solving Equations
- Angles – properties, right angles, around a point, on a straight line and in parallel lines,
- Circles – Area and circumference
- Direct Proportion – recipes and best buys.
- Fractions, Decimals and Percentages – converting and ordering.
- Percentage Calculations – percentage change, percentage increase and decrease, finding original value and simple interest.
- Ratio – sharing in a ratio, simplifying, writing in the form 1:n and combining ratio.
- Statistics – frequency tables, two way tables, bar charts, line graphs, pie charts and stem and leaf diagrams.
- Averages and Spread – mean, median, mode and range.

Additional Year 7 Content:

- Numerical skills – decimals, negative numbers, four operations and BIDMAS.
- Primes, Factors and Multiples – lowest common multiple and highest common factor.
- Algebraic Expressions – simplifying, substitution, expanding and factorising.
- Perimeter – polygons, compound shapes, metric conversions and algebraic perimeter.
- Area – squares, rectangles, parallelograms, trapeziums, triangles and compound shapes.
- Coordinates – reading, plotting, midpoints, equations of basic graphs.

Revision resources to help students revise and prepare:

- Sparx Maths – Independent learning zone
- Year 7 and 8 Knowledge Organiser



English

Contact: lgood@glenmoorandwinton.org.uk

Students will sit one exam. Students will have 90 minutes in length to complete two questions. The first question is based on their study of the novel *In the Sea there are Crocodiles* where they will answer a question based on an extract they have read and the second question is creative writing.

Topics to be covered in the exam:

Question 1: Reading:

- Knowledge of the plot and characters in the book.
- Identifying and tracking ideas and themes across the text
- Identifying writers' methods
- Commenting on the effect of writers' methods
- Using subject terminology specific to genre and writers' intent

Question 2: Writing:

- Creating a narrative or description with a clear beginning, middle and end
- Using language and structural techniques for effect
- Using a range of sentence types
- Using narrative structures
- Spelling, punctuation, and grammar rules
- Range of vocabulary
- Imitating different styles, genres, and formats of writing

Resources to help students revise and prepare:

- *In the Sea there are Crocodiles* information/workbook shared on SMHW.
- Key extract booklet shared on SMHW
- Class exercise books and subject specific knowledge organisers
- Creative writing practice <https://www.pobble365.com> and <https://www.literacyshed.com/the-imagesshed.html> <https://www.onceuponapicture.co.uk/>
- Mr Bruff grammar videos <https://www.youtube.com/watch?v=ECFDyuu0DKk>



Science

Contact : bwickham@glenmoorandwinton.org.uk

Students will sit three **30 minute** exams (individual biology, chemistry and physics papers), the questions will cover the topics below. The questions will require students to state facts, explain scientific concepts and analyse graphs or tables. There will a variety of short answer questions and long answer questions that will require an extended answer. Some simple mathematical calculations may also be included, students are allowed to use their calculators. Some knowledge from the year 7 topics may also be assessed.

Topics to be covered in the exam:

Biology Paper	Chemistry Paper
<p><u>Digestion and nutrition</u></p> <ul style="list-style-type: none">• Food groups• Organs of the digestive system and their functions• Enzymes• Levels of organisation <p><u>Ecology</u></p> <ul style="list-style-type: none">• Food chains• Bioaccumulation• Variation• Natural selection• Sampling and estimating populations• Biodiversity	<p><u>The Periodic table</u></p> <ul style="list-style-type: none">• Structure of an atom and electronic configuration• Arrangement of the Periodic Table, including groups and periods• Metals and non-metals• Elements, compounds and mixtures <p><u>Materials and the Earth</u></p> <ul style="list-style-type: none">• Properties of rock• The rock cycle• Atmosphere• Carbon cycle
Physics Paper	
<p><u>Electricity and magnetism</u></p> <ul style="list-style-type: none">• Static electricity• Series and parallel circuits• Circuit symbols• Magnets• Electromagnets <p><u>Light and space</u></p> <ul style="list-style-type: none">• Properties of light• Reflection and refraction• Colours and filters• Planets• Gravity, weight and mass	

Resources to help students revise and prepare:

- Year 7 and 8 Knowledge Organisers, Revision cards
- BBC Bitesize
- <https://www.bbc.co.uk/bitesize/subjects/zng4d2p>
- Continuity Oak – KS3 Science Year 8: <https://continuityoak.org.uk/Lessons>



History

Contact: hstride@glenmoorandwinton.org.uk

Students will sit one 60 minute examination. The exam will assess student understanding of chronology, source usefulness and evaluation of historical interpretations. Students will also complete an extended piece of writing analysing causation.

Topics to be covered in the exam:

- Causes of the English Reformation
- Religious changes in Tudor England
- Causes of the English Civil War
- Transatlantic Slave Trade and its abolition

Resources to help students revise and prepare:

- Knowledge Organisers
- Exercise Books
- BBC Bitesize

Ethics

Contact: callman@glenmoorandwinton.org.uk

Students will sit one 60 minute examination. The exam will cover two topics- Islam (History of Islam & Islam Today) and Philosophy with a maximum mark of 46 available. The structure for each section will be a

Multiple choice- match the key word with the definition (5 possible marks)

1x 'define the word' question (2 marks)

2x 'describe' question (5 marks)

1x 'explain' question (6 marks)

There will be time and guidance for students to plan their answer to the 6 markers.

Topics to be covered in the exam:

- History of Islam
- Final Sermon
- Caliphates
- Shahadah, Salah, Zakat, Sawm and Hajj (5 pillars)
- Jihad
- Philosophy- Who is God
- Design Argument
- Responses to the Design Argument
- Cosmological Argument

Resources to help students revise and prepare:

- Knowledge Organisers
- Exercise books
- Practice questions on SMHW closer to the time
- BBC bitesize- KS3 Islam



Geography

Contact: hcornish@glenmoorandwinton.org.uk

Students will sit one exam. Students will have 60 minutes in length to complete questions. Section A will assess students understanding of the Population unit. Section B will assess students understanding of the year 8 Tectonics unit. Both section A and B will have a range of 1,2,3,4-mark questions and one extended 9 mark question.

Topics to be covered in the geography exam:

Topic 1: Population

- Population distribution and density
- Population pyramids and aging populations
- Demographic transition model
- Push and pull factors affecting migration
- A case study of migration (including the causes and consequences for the host and source countries) - Nepal to Qatar

Topic 2: Tectonics

- The global distribution of plates and plate boundaries
- Constructive, destructive and conservative boundaries and the hazards created
- Monitoring, predicting, preparing and responding to earthquakes and volcanoes
- Types of volcanoes
- A case study of a tectonic hazard in a developing/emerging country (LIC/NEE, Turkey/Syria) and a developed country (HIC, New Zealand)

Resources to help students revise and prepare for geography:

- The knowledge organiser (KO) for year 8 [Year 8 knowledge organiser](#)
- Seneca learning [Seneca - Learn 2x Faster \(senecalearning.com\)](#) 'KS3 Global population and inequality' 'KS3 Tectonics'
- Continuity OAK- [Curriculum - Curriculum \(continuityoak.org.uk\)](#) 'Population' and 'Tectonics'.
- BBC Bitesize- [Population and migration - KS3 Geography - BBC Bitesize](#)

Please note that students will sit assessments in either French or Spanish, depending in the language they are studying.

French

Contact: astella@glenmoorandwinton.org.uk

Students will be tested on 3 skills: Listening, Reading and Writing.

The first section will be a series of Reading exercises, short translations into English and one listening question.

The second section will be a piece of writing between 40-90 words in 3 tenses, with a short photo description to start.

Vocabulary and structures that will be covered are:

Vocabulary:

- Holidays
- Hobbies and free time
- Food and healthy lifestyle
- Jobs
- Time phrases and days of the week

- Opinions and reasons

Grammar:

- Present tense
- Past tense
- Future tense

Resources to help students revise and prepare:

Knowledge Organisers

Sentence Builders and model answer



Spanish

Contact: astella@glenmoorandwinton.org.uk

Students will be tested on 3 skills: Listening, Reading and Writing.

The first section will be a series of Reading exercises, short translations into English and one listening question.

The second section will be a piece of writing between 40-90 words in 3 tenses, with a short photo description to start.

Vocabulary and structures that will be covered are:

- *Vocabulary:*
 - Holidays
 - Hobbies and free time
 - Food and healthy lifestyle
 - Jobs
 - Time phrases and days of the week
 - Opinions and reasons

Grammar:

- Present tense
- Past tense
- Future tense

Resources to help students revise and prepare:

- Knowledge Organisers
Sentence Builders and model answer

Performing arts

Contact: lcade@glenmoorandwinton.org.uk

Students will sit 2 exams, one in Music and one in Drama, each lasting approximately 60 minutes.

Topics to be covered in the exam:

Music:

Music key terms and definitions

Applying knowledge of key terms through listening

Note names, duration and rests

Notes on the treble and bass clef

Recognising instruments of the orchestra through listening

The practical assessment will be worth 60% of the overall mark and has previously taken place in lessons.

Drama

Drama key terms and definitions

Application of acting skills in performance

The practical assessment has already taken place in the Autumn term, the performance of *Room 13* and will be 60% of the overall score



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Resources to help students revise and prepare:

- Knowledge organisers
- Exercise books
- DSOkids.com <https://www.dallassymphony.org/community-education/dso-kids/listen-watch/instruments/>
- Youtube: Instruments of the orchestra:
- https://www.youtube.com/watch?v=MP2_6OLummA
- <https://www.youtube.com/watch?v=KEt1Mm8sSkA>
- <https://www.youtube.com/watch?v=yE0aSxziNdY>
- <https://www.youtube.com/watch?v=6QA5KnKpKbk>



Wellbeing tips for revision

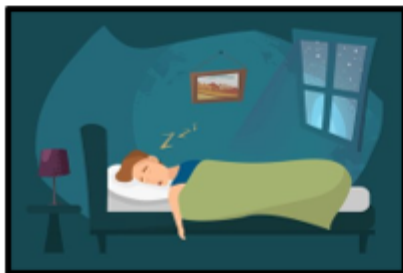
Looking after your wellbeing can have a positive impact on how well you do in your exams.

Below are five simple things to bear in mind during revision:

1. Not all stress is bad:

The **right amount of stress** can **motivate** you to get revision done. It can be important to **recognise when stress has tipped over** from becoming a motivating force to an overwhelming emotion.

Signs of overwhelming stress vary, but common signs are feeling irritable, feeling overwhelmed, difficulty concentrating, raised heart rate and breathing. If you feel your stress is overwhelming, take a **break** and **speak** to someone about how you are feeling.



2. Sleep is your friend!

If you sleep well (**8-10 hours** per night) you are scientifically proven to **retain more** of what you are studying and **concentrate** better.

Try to maintain a **consistent getting up time** and allow yourself **30 minutes** to unwind before you plan to go to sleep.

3. 30-minute study rule:

No-one can study for six-hours straight without a break. Trying to do so will increase your stress unnecessarily. Break up your time into **30-minute chunks** to be most effective. Take **micro-breaks** after every 30 minutes: stand up, check your phone, listen to a song, get some food.



4. Talk about exam nerves:

Feeling stressed and a little anxious about exams is normal. **Talk** to a friend or parent and share how you are feeling. You might feel better having spoken to someone.

5. Breaks = GOOD. Constant distraction = BAD:

Taking **planned breaks** is great and will help you remain on task but checking your social media every 5 minutes is a sure-fire study fail and might increase your feelings of stress unnecessarily. Research shows that it can take up to 20 minutes to refocus on a task when you've been unnecessarily distracted.