



**Glenmoor & Winton Academies**  
High Achievement – High Standards  
Part of United Learning

# Year 8 Rank Order Assessments

## 13<sup>th</sup> – 21<sup>st</sup> January 2026

### Information & Support for Students & Parents



## Mathematics

Contact: [kleachman@glenmoorandwinton.org.uk](mailto:kleachman@glenmoorandwinton.org.uk)

Students will sit one calculator and one non-calculator exam. The non-calculator paper is 45 minutes long and the calculator paper is 1 hour long. Both exams will assess the knowledge students have obtained from the first term of study, as well as their general mathematical skills.

Students are advised to revise the following topics using the independent learning page on Sparx Maths. They will also find it useful to revise the content in their knowledge organiser.

Unit	Topic	Content	Sparx Codes for Independent Learning
8.01	Powers and Roots	Use integer powers and associated real roots (square, cube and higher), recognise powers of 2, 3, 4, 5, 10 and distinguish between exact representations of roots and their decimal approximations.	M135, M608
8.02	Prime Factorisation	Use the concepts and vocabulary of prime numbers, factors (or divisors), common factors, prime factorisation, including using product notation and the unique factorisation property.	M322, M823, M108, M365, M227, M698
8.03	Rounding	Round numbers and measures to an appropriate degree of accuracy (for example, to a number of decimal places or significant figures).	M111, M431, M994, M131, M878
8.04	Fractions	Multiply and divide fractions with mixed numbers and proper fractions.	M939, M410, M671, M601, M835, M931, M157, M197, M110, M265
8.05	Solving equations 1	Use algebraic methods to solve linear equations in one variable (including all forms that require rearrangement). Model situations or procedures by translating them into algebraic expressions or formulae and by using graphs	M707, M509, M387, M554, M813, M795, M531, M957
8.06	Angles in parallel lines	Understand and use the relationship between parallel lines and alternate and corresponding angles	M818, M163, M606, M351, M679, M393



## English

Contact: [flarose@glenmoorandwinton.org.uk](mailto:flarose@glenmoorandwinton.org.uk)

Students will sit one exam. Students will have 75 minutes in length to complete two sections. The first section is based on their study of *Richard III* where they will answer a series of multiple choice and inference-based questions after reading an extract they have studied. They will then also be required to answer a longer response question based on the extract. The second section is based on gothic creative writing which will require them to write a story or a description in the gothic style.

### **Topics to be covered in the exam:**

#### *Question 1: Reading*

- Knowledge of the plot and characters in the play.
- Identifying writers' methods
- Commenting on the effect of writers' methods
- Being able to make inferences about quotations.
- Using subject terminology specific to genre and writers' intent

#### *Question 2: Writing*

- 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 the gothic style genre e.g. tension, suspense, setting, characters

### **Resources to help students revise and prepare:**

- *Richard III* Revision guide shared on SMHW.
- Class exercise books and subject specific knowledge organisers.
- Creative writing practice [Images to Inspire - Once Upon a Picture](#) and [The Images Shed - THE LITERACY SHED](#).
- Mr Bruff video for technical accuracy [A06: Semi Colons \(the king of punctuation\) - YouTube](#),
- BBC Bitesize Grammar [Grammar - KS3 English - BBC Bitesize](#)



## Science

Contact: [Isamuels@glenmoorandwinton.org.uk](mailto:Isamuels@glenmoorandwinton.org.uk)

Students will sit one exam and will have 60 minutes to answer a range of questions that will cover the topics below. The questions will require students to state facts, explain scientific concepts and analyse graphs or tables. There will be a variety of short answer questions and long answer questions that will require an extended answer. Some simple mathematical calculations may also be included.

### **Topics to be covered in the exam:**

#### **Ecology**

- Food chains
- Bioaccumulation
- Variation
- Natural selection
- Biodiversity
- Extinction

#### **The Periodic table**

- Structure of an atom and electronic configuration
- Periodic table, groups and periods
- Metals and non-metals
- Group 1 metals
- Group 7 halogens
- Elements, compounds and mixtures

#### **Electricity**

- Static electricity
- Series and parallel circuits
- Circuit symbols
- Magnets
- Electromagnets

### **Resources to help students revise and prepare:**

- Class folders/books
- Year 8 Knowledge Organiser
- Revision cards (given out in class and on the website)
- BBC Bitesize

<https://www.bbc.co.uk/bitesize/topics/zxhhvcw>

<https://www.bbc.co.uk/bitesize/subjects/znxtyrd>

<https://www.bbc.co.uk/bitesize/subjects/zh2xsbk>

Continuity oak:

<https://continuityoak.org.uk/lessons>



## History

Contact: [hstride@glenmoorandwinton.org.uk](mailto:hstride@glenmoorandwinton.org.uk)

Students will sit one 45-minute exam in which they will answer the following types of questions:

- Section A is knowledge based. Students will be given multiple choice questions and closed questions. There will also be a chronology task.
- Section B is based on analysing historical sources and interpretations.
- Section C is extended writing. Students will need to:
  - Describe two characteristics of something;
  - Explain one reason for a historical event taking place
  - Give an argument as to whether they agree or disagree with a set statement.

### **Main topics to be covered in the exam:**

#### **The Tudors (Autumn 1)**

- criticisms of the Catholic Church and Martin Luther,
- reasons for Henry VIII breaking with Rome,
- religious changes during the reigns of Edward VI, Mary I and Elizabeth I,
- challenges Elizabeth I faced during her reign,
- life in Elizabethan England
- Elizabethan exploration.

#### **England: A World Turned Upside Down 1603-1707**

- religious challenge faced by James I,
- causes of the English Civil War,
- events of the English Civil War,
- Witchcraft in 1600s,
- Charles I's execution,
- the Interregnum,
- Restoration of the English Monarchy.

### **Resources to help students revise and prepare**

Knowledge Organiser (Pages 40-43)

Exercise book

BBC Bitesize



## Ethics

Contact: [callman@glenmoorandwinton.org.uk](mailto:callman@glenmoorandwinton.org.uk)

Students will be sitting **one** examination in the hall. The exam is 45 minutes long and worth 40 marks.

### Topics that could be covered in January ROA:

#### Islamic Beliefs:

- History of Islam
- The Qur'an
- Allah/Nature of Allah
- Afterlife
- Sunni Shia
- Judgement Day
- Final Sermon

#### Islamic Practices:

- Shahadah
- Salah
- Zakat
- Sawm
- Hajj
- Jihad
- Being a Muslim in the UK

### Resources to help students revise and prepare:

- **Knowledge organisers** -these can be found within the KO pack. The two KOs needed are called Islam beliefs/ Islam practices.
- **Reading booklets**- students are given a booklet with all the reading texts compiled. Not only are these great to read through as a reminder, but on the back there are exam questions they can practice.
- **Seneca Learning/BBC bitesize/Oak National Academy**- online lessons and quizzes for these topics. Just type into google for KS3 level.
- **Blank mindmaps**- contrast black and green pen dependant on what knowledge is secure.
- **Youtube**- great clips related to both units can be found on BBC Teach and Truetube.
- **Ethics books** - these are a good source of information and contain key words, practice questions and any other skill based activity we have done in class.

### Skills required:

In each section you will be asked

**MCQs**- lots of 1 mark multiple choice questions- simply circle the correct option

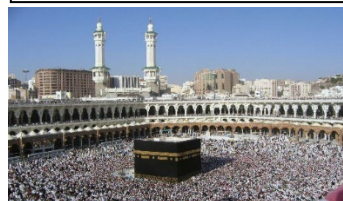
**DEFINE**- 2 mark questions which asks that you define a key word, and give an example if necessary.

**DESCRIBE**- 3 mark questions.

- One paragraph needed
- Write in a coherent way (using discourse markers)
- Use a variety of key words, examples and teachings if possible
- Keep it direct and relevant to the question

**EXPLAIN**- 4 mark questions (PEE)

- Two paragraphs
- Fully explaining each point, linking back to the specific words in the question.
- Using sources of wisdom eg. Qur'an, Hadith, Muhammed, Final Sermon
- Explain the impact or influence of the beliefs/practices on Muslims (consider how they think/act/feel.





## Geography

Contact: [hcornish@glenmoorandwinton.org.uk](mailto:hcornish@glenmoorandwinton.org.uk)

Students will sit one exam. Students will have 60 minutes in length to complete questions. Section A will be on the population unit that students studied at the beginning of year 8. In section A there will be a range of 1, 2, 4 mark questions and one extended 5 mark question. Section B will assess students' understanding of the year 8 coasts unit. In Section B there will be a range of 1, 2, 3, 4-mark questions and one extended 5 mark question.

### Topics to be covered in the exam:

#### *Topic 1: Population*

- Where do people live and why
- What causes populations to grow or decline and impacts of this
- Factors that will change birth and death rates
- Aging populations- causes, impacts and management
- Youthful populations- causes, impacts and management
- Types of migration and reasons people migrate
- Case study of migration (India to the UK)
  - Causes (push and pull factors)
  - Impacts (positives and negatives for both countries)

#### *Topic 2: Coasts*

- Key processes found along the coast- waves, weathering and erosion
- Formation of headlands and bays
- Formation of caves, arches, stacks and stumps
- Formation of beaches through longshore drift
- How to manage coastal erosion through hard and soft engineering strategies
- Case study of coastal management- Bournemouth
  - Reasons why they need coastal management
  - What strategies are in place
  - Positives and negatives of the strategies

### Resources to help students revise and prepare:

- The knowledge organiser (KO) Year 8- Pages 29-32  
[Y8 Knowledge Organisers - Web - 2025-26.pdf](#)
- Continuity OAK- [Curriculum - Curriculum \(continuityoak.org.uk\)](https://continuityoak.org.uk) 'Population' and 'Coasts'.
- Seneca learning [Seneca - Learn 2x Faster \(senecalearning.com\)](https://senecalearning.com) 'KS3 Population' 'KS3 Coasts'





## French

Contact: [astella@glenmoorandwinton.org.uk](mailto:astella@glenmoorandwinton.org.uk)

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

The first paper will be a listening test that will take place in lessons. It is made up of a dictation, a gap fill and a comprehension question in English. The reading and writing paper is made up of multiple choice questions, a reading comprehension with answers in English and a short piece of writing (40-90 words) that includes questions in the past, present and future.

**Vocabulary and structures that will be covered are:**

*Vocabulary:*

- Holidays
- Time phrases + days of the week
- Opinions and reasons

*Grammar:*

- Present tense
- Past tense
- Future tense

**Revision material:**

- Knowledge organiser
- Sentence builders (on SMHW)
- Revision video (on SMHW)

## Spanish

Contact: [astella@glenmoorandwinton.org.uk](mailto:astella@glenmoorandwinton.org.uk)

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

The first paper will be a listening test that will take place in lessons. It is made up of a dictation, a gap fill and a comprehension question in English. The reading and writing paper is made up of multiple choice questions, a reading comprehension with answers in English and a short piece of writing (40-90 words) that includes questions in the past, present and future.

**Vocabulary and structures that will be covered are:**

*Vocabulary:*

- Holidays
- Time phrases + days of the week
- Opinions and reasons

*Grammar:*

- Present tense
- Past tense
- Future tense

**Revision material:**

- Knowledge organiser
- Sentence builders (on SMHW)





## Wellbeing tips for revision

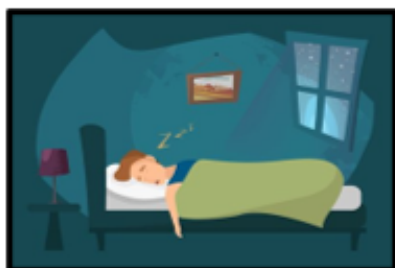
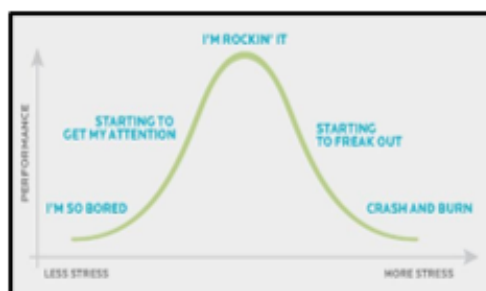
Looking after your wellbeing can have a positive impact on how well you do in your exams.

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.

- Revision video (on SMHW)