



To Aspire, Endeavour and Thrive Together

1st April 2022

Dear Parent/Carer

Year 9 Summer Assessments

Year 9 students will be taking a series of examinations in their core subjects: Maths, Science and English during the week commencing **09th May 2022**. Exams are intended to provide a clear evaluation of your child's strengths and areas for development in each subject and begin to prepare students for working for extended periods of time in exam conditions. All exams will take place in the Sports Hall.

Over the coming weeks, students will be revising and recapping what they have learnt so far throughout the year and revision is an expected ongoing homework task.

The timetable for the exams can be found on the reverse along with useful links to revision materials. The topics or requirements that will be covered in the exams are detailed below and students are expected to bring the necessary equipment for each exam.

English

Students will complete an exam based on an unseen extract from a piece of fiction. The exam will assess tier 2 and 3 vocabulary covered this year, reading and analysis skills and then students will complete a short piece of creative writing.

To revise students should:

- practise PEEFEL paragraphs, looking at how a character has been presented or, how setting is created e.g. why has the writer used the adjective/ adverb/ simile to show us.
- use their books to ensure they know the definitions of key pieces of terminology covered across units of work.

In their piece of creative writing, students will be assessed on:

- how clear their writing is
- how well they can spell, punctuate and paragraph for effect.
- they will also be awarded marks for using figurative devices, such as metaphors and similes, to create clear and imaginative imagery.

Required equipment: Black pen, highlighter

Maths

Students will be assessed on their knowledge and understanding of:

Fractions – ordering, fractions of an amount, adding, subtracting, multiplying and dividing

Decimals – converting to fractions and percentages, money operations

Number calculations – adding, subtracting, multiplying and dividing

Glossopdale School & Sixth Form, Newshaw Lane,
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Ratio, time conversions, factors, multiples, primes, order of operations (BIDMAS), highest common factors, squares and cubes, square roots and cube roots

Co-ordinate grid – plotting points and straight lines

Algebra – simplifying expressions, expanding single brackets, factorising, solving equations, substituting into formulae

Shape – calculating perimeter, area and volume, Understanding properties of shape

Angles on lines, around a point, on parallel lines

Data and Probability – conversion graphs, calculating averages and probability

Problem solving questions

Required equipment: Black pen, pencil, rubber, ruler

Science

Students will be assessed on their knowledge and understanding of:

Biology:

Cell Biology:

- Animal and plant cells
- Bacterial cells
- Magnification
- Stem cells
- Mitosis

Infection and response:

- Pathogens
- Types of pathogen
- Non specific defence systems
- White blood cells
- Antibiotics and painkillers
- Vaccines
- Drug testing

Chemistry:

Atomic structure:

- Structure of atoms
- Subatomic particles
- Group 1 elements
- Group 7 elements
- Group 0 elements

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Chemistry of the atmosphere:

- Formation of the early atmosphere
- The gases of the modern atmosphere
- Greenhouse gases

Using resources:

- Finite and renewable resources
- Fossil fuels
- Potable water
- Treating waste water

Physics:

Mains electricity:

- Alternating and direct current
- National grid (transformers etc.)
- Power equations (3)
- Wiring a plug

Required equipment: black pen, pencil, ruler, calculator

Should you have any queries, please contact the KS3 Subject Leaders in the first instance: Miss Logan for English, Mrs Oakes for Maths and Mr. Bertenshaw and Miss Smith for Science. For more general queries, please contact Miss Porter, Year 7 Progress Leader.

Yours faithfully,

Dr. Coimbra
Head of Key Stage 3

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Exam Timetable

	Exam Date	Exam Start Time	Finish	Subject	Exam Duration	Venue
Wk. beg 09 th May Year 9	Mon 09/05	09.15	10:15 finish - straight to P2	English	1 hr	Sports Hall
		11:30	12:30 finish - straight to lunch	Maths	1 hr	Sports Hall
	Tues 10/05	09:00	10:30 finish - straight to break	Science	1 ½ hr	Sports Hall

Revision Guidance

Please see our website for details and links to help your child revise.

Student guidance:

<https://www.glossopdale.derbyshire.sch.uk/-Students/Revision/>

Support for parents: <https://www.glossopdale.derbyshire.sch.uk/-Parents/Helping-your-Child-with-Learning/>



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Subject specific resources:

Maths

All students have access to Hegarty Maths. Teachers will inform their classes as to the topics and Hegarty clips which they will find beneficial to revise in preparation for their assessments. The clip numbers and topics are also set out below should you require them to support the students in their revision at home.

Topic	Clip Number
Time conversions	709-711
Decimals	52, 55
BIDMAS	24, 44
Prime Numbers	28
Multiplication	23, 48
Averages – mode, median, mean	404-410
Conversion graphs	712-713
Equivalent fractions All operations fractions	59 65-70
Algebra: simplifying / Expanding brackets / Factorising / Solving equations	158-159, 170-171, 184-186
Angles	477-478, 485-487, 812-814
Roots & cubes	99-101
Probability	351-353
Perimeter	548
Two way tables	422-424
Ratios and proportion	328-337
HCF	31, 32

Science

All students have access to Educake. <https://my.educake.co.uk/student-login>

Miss Smith has placed revision quizzes on each of the Y9 Google Classrooms. The quizzes are named: Biology Revision, Physics Revision, Chemistry Revision

English

Oak Academy have a range of excellent lessons that students can use at home in order to consolidate their knowledge and skills in the key areas assessed in the exam. Please click on the links below:

Approaching unseen fiction texts: <https://classroom.thenational.academy/lessons/approaching-unseen-fiction-texts-70upat>

70upat

Analysing the writer's use of language:

<https://classroom.thenational.academy/lessons/analysing-the-writers-use-of-language-6ruk2e>

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