



May 2018

Dear Parent/Carer

Year 9 Examinations

I am writing to remind you that Year 9 examinations will take place during lesson time in the two weeks commencing Monday 4th June 2018. The examinations will take place in the core subjects English, Mathematics and Science. Your child's teacher will confirm in which lesson(s) the examination will take place.

Preparation for examinations is essential. We have high expectations of our students and expect them to take responsibility for the preparation and revision for all examinations, to be motivated to work hard at school and at home. To help you support your child in the lead up to these examinations, please find below information that students need to be revising.

Examination Details:

English

All students in Year 9 will be completing one examination paper with two sections. The first section will contain two extracts with four questions to be completed in the same format as the homework booklets they will have completed this half term. Section B will see students respond to a comparison question based on two poems they have studied this half term.

Mathematics

The Mathematics examination will contain the following topics:

Sets 3 and 4:

Number: Rounding to significant figures and decimal places, place value, expressing a number as a product of prime factors, lowest common multiple and highest common factor (worded problems), BIDMAS, negative numbers, decimal calculations, fraction of a whole one, fraction calculations, equivalent fractions, surds.

Algebra: Simplifying expressions, algebraic indices, factorising algebraic expressions, sequences and patterns.

Statistics: Stem and leaf diagram, finding median and modal class interval (not estimated mean), frequency tables and charts, two way tables.

Sets 1 and 2:

Number: Rounding to significant figures and decimal places, expressing a number as a product of prime factors, proportion (recipe problems), standard form, indices, fraction calculations, surds.

Algebra: Algebraic indices, factorising and solving quadratic equations, midpoint of a line segment, equation of a straight line.

Shape: Volume of a cuboid, Pythagoras, angles in parallel lines.

Statistics: Stem and leaf diagram, frequency tables, finding median and modal class interval (not estimated mean), frequency polygons.

The useful revision sites are:

- MyMaths (username is Bromfords and the password is shape)
- Khan Academy
- Heggarty maths
- Corbettmaths

Science

The Science examination will include the following units from the three key areas Biology, Chemistry and Physics.

Biology: Cell structure and cell division, transport in cells, tissues, organs and organ systems, health and disease.

Chemistry: Atoms, elements, compounds and mixtures, the Periodic Table, bonding & structure, states of matter.

Physics: Energy transfers, energy resources, circuits, domestic electricity.

The following list is essential equipment that students must have with them for every examination; pens, pencils, ruler, rubber, compass, protractor and, for Mathematics and Science, a calculator. Students are expected to show exemplary behaviour, particularly during examination periods. Disruption will not be tolerated and it may be necessary to remove a student from the examination and the student will then achieve zero marks on that paper.

To further support your child in their studies it is important to increase the monitoring and support you provide at home during the revision and examination period. You can support by:

- Ensuring they are completing all homework tasks.
- Encouraging your child to extend themselves beyond the minimum set work.
- Encourage them to use published workbooks and revision guides.
- Increasing your discussions on their work and progress.
- Ensuring maximum attendance. There is a direct link between performance and full attendance.

With your support I am confident that the Year 9 examinations will be a success for all students and their hard work will be rewarded with the results they deserve.

Yours faithfully



Mrs Y Dixon

Year Leader - Year 9