

To: Year 11 Parents,

**RE: CURRICULUM NEWSLETTER**

Date: 22<sup>nd</sup> November

**Our Academy Core Priorities** 1st Safeguarding, 2nd Teaching and Learning

**Our Key Tarbeya Theme** - A Culture of Respect

**Our Key Current Target** - Ensuring that use of Microsoft 365 is an integral part of teaching and learning in every lesson

Dear Parent/Guardians,

Thank you for attending our parents consultation day. As a Headteacher you always want to see a large proportion of parents attend these sort of events as improving students outcomes is a joint effort. It was a real pleasure for me to have the opportunity to interface with our parents as this is such a challenge during a busy week at school. I was pleased with the general feedback which was really positive, especially when discussing what has developed and improved thus far. My PA will be sending a survey out to some of you to complete so that I can further understand your thoughts when considering our next steps.

The End of Semester exams are just around the corner and I would just like to direct you to our website for the Timetable, learning objectives, practice questions and other useful materials. Please do see the website for the End of Semester timetable which was updated on the 21<sup>st</sup> November. As you are aware we have introduced a new system called OWLTS this year in which students are tested online rather than paper. As per the mid semesters we will be completing the end of semester exams for Arabic, English, Maths and Science for years 7 – 9 using the OWLTS system. To further assist with your child's preparations for this process we will be giving the students access to a practice OWLTS test. The other subject areas will be completed on paper as previously experienced.

Below are some reminders about the exams:

- All students must wear full school uniform and ensure they come fully prepared with all the necessary equipment – **Tablet**, black pen, pencil, ruler, eraser, pencil sharpener, protractor, calculator, compass and highlighter. Students who arrive out of uniform may not be allowed to enter the exam hall.
- Years 7, 8, 9 and 10 students should arrive at school as normal during the examination period. They will be able to leave early as indicated on the exam timetable.

- Students should arrive at the examination venue 15 minutes before the start of the examination. If a student is late, they will enter only at the discretion of the invigilator. Please leave plenty of time to negotiate the traffic congestion outside the school.
- Year 11 and 12 students will be completing an exam paper which will feature as part of the End of semester report. Please remind your child/children to sign out should they leave school to study off site. As you will appreciate we need to know where all our students are as part of our duty of care.
- I remind students in Year 12 that the grade for Islamic Studies will feature in the report and all other results communications including for university. It is therefore both compulsory and essential that all Y12 students attend the exam.

We wish all our students the very best of success in their forthcoming exams and hope they will be rewarded for their efforts. We thank you for your continued support. Do not hesitate to contact the school if you would like any further clarification of these issues.

Yours faithfully  
James Batts  
Head of Secondary

Subject	Week Commencing 11 <sup>th</sup> and 18 <sup>th</sup> November 2018
<p><b>Maths</b></p>	<p>This week your child will be learning how to round numbers using significant figures, how to change between mixed and improper fractions, how to find percentages of amounts and how to simplify surds and rationalize the denominator.</p> <p>The home learning this week will be to:</p> <p><a href="https://app.myimaths.com/myportal/library/15/149/1561#collapse8">https://app.myimaths.com/myportal/library/15/149/1561#collapse8</a>  <a href="https://app.myimaths.com/myportal/library/15/149/1562#collapse7">https://app.myimaths.com/myportal/library/15/149/1562#collapse7</a>  <a href="https://app.myimaths.com/myportal/library/15/149/1566">https://app.myimaths.com/myportal/library/15/149/1566</a>  <a href="https://app.myimaths.com/myportal/library/15/149/1566#collapse3">https://app.myimaths.com/myportal/library/15/149/1566#collapse3</a>  <a href="https://app.myimaths.com/myportal/library/15/149/1567#collapse14">https://app.myimaths.com/myportal/library/15/149/1567#collapse14</a></p> <p>Past papers IGCSE booklet</p>
<p><b>English</b></p>	<p>This week your child will be learning to write summatively.</p> <p>The home learning this week will be to complete the summary task from the given past paper.</p>

<p><b>English First Language</b></p>	<p>This week your child will be learning to write in the descriptive genre. The home learning this week will be to write an independent piece from a past paper.</p>
<p><b>Biology</b></p>	<p>This week your child will be learning: Genetic modification (genetic engineering) Students will be assessed on their ability to: 5.12 describe the use of restriction enzymes to cut DNA at specific sites and ligase enzymes to join pieces of DNA together 5.13 describe how plasmids and viruses can act as vectors, which take up pieces of DNA, then insert this recombinant DNA into other cells 5.14 understand that large amounts of human insulin can be manufactured from genetically modified bacteria that are grown in a fermenter 5.15 evaluate the potential for using genetically modified plants to improve food production (illustrated by plants with improved resistance to pests) 5.16 understand that the term 'transgenic' means the transfer of genetic material from one species to a different species. d) Cloning Students will be assessed on their ability to: 5.17 describe the process of micropropagation (tissue culture) in which small pieces of plants (explants) are grown in vitro using nutrient media 5.18 understand how micropropagation can be used to produce commercial quantities of identical plants (clones) with desirable characteristics 5.19 describe the stages in the production of cloned mammals involving the introduction of a diploid nucleus from a mature cell into an enucleated egg cell, illustrated by Dolly the sheep 5.20 evaluate the potential for using cloned transgenic animals, for example to produce commercial quantities of human antibodies or organs for transplantation. The home learning this week will be to: Complete past paper questions on topic (see homework booklet)</p>
<p><b>Chemistry</b></p>	<p>This week your child will be learning: 1.34C understand how to carry out calculations involving amount of substance, volume and concentration (in mol/dm<sup>3</sup>) of solution</p>

	<p>1.35C understand how to carry out calculations involving gas volumes and the molar volume of a gas (24 dm<sup>3</sup> and 24 000 cm<sup>3</sup> at room temperature and pressure (rtp))</p> <p>1.36 practical: know how to determine the formula of a metal oxide by combustion (e.g. magnesium oxide) or by reduction (e.g. copper(II) oxide)</p> <p>The home learning this week will be to:</p> <p>Complete past paper questions on topic (see homework booklet)</p>
<b>Physics</b>	<p>This week your child will be learning:</p> <p>7.14 describe uses of radioactivity in industry and medicine</p> <p>7.15 describe the difference between contamination and irradiation</p> <p>7.16 describe the dangers of ionising radiations, including:</p> <ul style="list-style-type: none"> <li>• that radiation can cause mutations in living organisms</li> <li>• that radiation can damage cells and tissue</li> <li>• the problems arising from the disposal of radioactive waste and how the associated risks can be reduced.</li> </ul> <p>7.17 know that nuclear reactions, including fission, fusion and radioactive decay, can be a source of energy</p> <p>7.18 understand how a nucleus of U-235 can be split (the process of fission) by collision with a neutron, and that this process releases energy as kinetic energy of the fission products</p> <p>7.19 know that the fission of U-235 produces two radioactive daughter nuclei and a small number of neutrons</p> <p>7.20 describe how a chain reaction can be set up if the neutrons produced by one fission strike other U-235 nuclei</p> <p>The home learning this week will be to:</p> <p>Complete past paper questions on topic (see homework booklet)</p>
<b>ICT</b>	<p>Your child will be learning about the key features and functions of various online communities, how they are used and, how to stay safe online. They will also learn about the Data Protection and Copyright legislations related to storing of individual's data and the use of digital information and media.</p> <p>Home Learning: Explain why some online communities have administrators and moderators. Identify the 8 principles of the Data Protection Act.</p>
<b>Business Studies</b>	<p>Your child will learn about: How businesses use financial documents and an introduction to market research</p> <p>They will understand how to use financial documents to assess the</p>

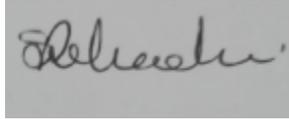
	<p>performance of a business and how they are used in decision making. They will also understand the purpose of market research and how it is used to identify and understand customer needs and gaps in the market.</p> <p>Home learning: Case studies from the text book and exam practice questions on both topics.</p>
<b>History</b>	<p>This week your child will be learning about The League of Nations failures over Manchuria and Abyssinia</p> <p>The home learning this week will be to answer exam practice questions</p>
<b>Art</b>	<p>This week your child will be learning:</p> <p>Developing observational drawings and viewpoints. They will use a variety of skills using dry and wet materials in art and how to link their artist research to the independent study in the portfolio</p> <p>The home learning this week will be to: To collect all the work to date and put this in their sketch books to review the check list and go through missing works Artist research and annotations and write up about the current work to date</p>
<b>GCSE Religious Education</b>	<p>This week your child will be learning about:</p> <ul style="list-style-type: none"> <li>• The Rightly Guided Caliphs.</li> <li>• One significant Muslim figure in the past or contemporary times.</li> </ul> <p>Home learning: review section 1 in preparation for section 2. practice exam questions</p>
<b>Psychology</b>	<p>This week your child will be learning how to process and describe the given data.</p> <p>The home learning this week will be to complete the task with analysis and interpretation.</p>
<b>Global Perspectives</b>	<p>This week your child will be researching and improving their section of the team project</p> <p>The home learning this week will be to improve the Team project</p>
<b>Arabic</b>	<p>This week your child will be learning: الحال وأنواعها - فنلندا</p>

	The home learning this week will be to: كتابة مقال عن أهمية السياحة
<b>Islamic</b>	This week your child will be learning: حد الشرب The home learning this week will be to: إجابة أسئلة كتاب النشاط صفحة 71

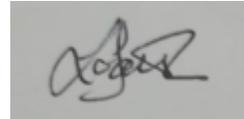
Our next fortnightly letter will be sent early next week.

We hope you have enjoyed our weekly letter and look forward to receiving your feedback.

Yours sincerely,



Samira Rokadia  
Deputy Head of Secondary (Academic)



James Batts  
Head of Secondary