

## Mathematics

Term: Autumn

Year: 11

Teacher: Mr A Shah

What will we be covering this term?

1<sup>st</sup> Half Term: 1. Ratio direct and inverse proportions. 2. Data: processing and representing data. 3. 3-D shapes: planes of symmetry, volumes of 3-D shapes.

4. Graphs: use quadratic graphs to solve equations.

2<sup>nd</sup> Half Term: 6. Probability: tree diagrams and conditional probability. 7. Trial and improvement: cubic, reciprocal and exponential functions. 8. Indices and surds: zero and negative powers, fractional indices. 9. Construction and loci: congruent triangles and proof of standard constructions.

How will my child be assessed this term?

Homework and end of chapter tests. In class assessment via classwork observations and traffic light feedback.

How can I help my child in this subject?

Please make sure that he has attempted all questions in the homework. Just take a minute to look in his homework diary to see what was set and that he has made a decent effort.

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me at the school.

English

Term: Autumn

Year: 11

Teacher: Mrs Annie Khan

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be reading the pre-1914 text: 'The Strange Case of Dr. Jekyll and Mr Hyde'. They will be learning about the social and historical context of the novel and will examine the themes and ideas that Stevenson explores therein. This will lead to the completion of an essay which will count for 15% of their English/English Lit. GCSE. The boys will also learn about the key features of a successful review in order to replicate this in their own Media Review coursework (5% of English GCSE).

2<sup>nd</sup> Half Term: Students will read 'Death of a Salesman' by Arthur Miller. We will be examining the key societal themes that Miller was interested in portraying. We will study what message Miller wished to convey to his audience through his depiction of the key characters in his play. This will lead to individual oral assessments which will count for 10% of the English Literature GCSE. The boys will also prepare for the Non-Fiction and Media Reading section of Paper 1. This involves comprehension skills in order to decipher the purpose, audience and form of a piece of writing. They are expected to follow the writer's arguments and it also requires the boys to identify which techniques writers have used in order to manipulate their audience's response.

How will my child be assessed this term?

Homework is an integral part of ongoing assessment. Please refer to your child's timetable for the days when homework is given. Students will be expected to contribute to class discussions and the importance of deadlines and quality of work for GCSE coursework should be understood. As the term progresses we will start having regular timed practice questions which are done in exam conditions; the results will influence end of term reports.

How can I help my child in this subject?

Students will benefit from having a designated quiet space in which they can study. While the use of a computer will certainly be beneficial whilst doing coursework, it would be helpful for parents to keep a close eye on their boys; students may get easily distracted. Any missed homework will be flagged up through their diaries, so please do check them. CGP revision guides are available for all of the topics that we are studying and whilst there are some copies in the library, which the boys may borrow, it may be prudent to buy personal copies. Personal reading habits should also be encouraged; even ten minutes a day will improve their standard of English.

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me at the school from 9.00-12:30 if you have any questions or concerns.

Biology

Term: Autumn

Year: 11

Teacher: Ms Mariam Amele

What will we be covering this term?

1<sup>st</sup> Half Term: Pupils will study how organisms are able to respond to changes in their environment. Pupils will be introduced the term homeostasis which is the maintenance of a constant internal environment and will learn the method by which the body regulates factors such as body water content and body temperature. They will also learn that in order to activate a coordinated response to a change in a stimulus, a receptor and an effector are required.

2<sup>nd</sup> Half Term: After half term pupils will be learning about genetics in the unit 'Inheritance'. They will discover how and why we inherit features from our parents. They will understand that variation within a species can be genetic, environmental, or a combination of both. Pupils will also learn to predict the outcome of genetic crosses in plants and humans using techniques employed by genetic counsellors.

How will my child be assessed this term?

Homework is an integral part of ongoing assessment. Pupils will also be assessed through end of unit tests, which they will be notified about well in advance.

How can I help my child in this subject?

Pupils should begin their revision at home by making notes on the chapters covered in class. Please encourage them to begin revising at home. Learning the definitions of key words will also help pupils to make progress this term. Make sure that your son is up to date with his homework.

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me at the school if you have any questions or concerns.

## Physics

Term: Autumn

Year: 11

Teacher: Mr. S. Ahmed

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be studying Physics . In physics students will study energy transfer , work and power and energy resources. pupils will be able to recall energy transfer and use the equations. Pupils know energy transfer may take place by conduction, convection and radiation. Students will be able to recall and use the relationship between work, force and distance. Pupils will develop their knowledge about renewable and non renewable energy and know how they are involved in generating electricity. Be able to recall and use density, mass formula and also understand Brownian motion.

2<sup>nd</sup> Half term: Pupils will know the ideal gas equation and know how to convert Kelvin to Celsius scales, know the relationship between pressure and volume and use the relationship. In radioactivity pupils will know the different particles and know how the radiation can be measured. Pupils will be able recall the atom and its isotopes.

How will my child be assessed this term?

Pupils will be assessed using a combination of classroom participation, homework, class tests and end of term exams.

How can I help my child in this subject?

Students must go over their work every day and can visit the local library and read scientific magazines. Use specifications to do independent learning. Pupils must ensure to revise every night.

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me at the school from 9.00-16:00 if you have any questions or concerns. Alternatively, leave a note in your son's homework diary and I will try to give you a written response on the same day.

## Chemistry

Term: Autumn

Year: 11

Teacher: Mr. S. Ahmed

What will we be covering this term?

1<sup>st</sup> Half Term: In chemistry the students will cover states of matter and different separating techniques. Acids and alkalis and pupils will understand different indicators form different colours. Students will understand exothermic and endothermic reaction and find the enthalpy change. Pupils will recap on KS3 work and expand on the different indicators and carry out acid and based titrations. Pupils will look at exothermic and endothermic reactions and calculate the energy needed to break and make bonds.

2nd Half Term: Students will study rates of reactions and know the different factors which affect the different rates of reactions.. Students will understand equilibrium, oxidation and reduction reactions and know the concept of dynamic equilibria. Pupils will understand electrolysis and be able to write half equations and recall the uses of metals. Students will understand fractional distillation and know the fractions obtained from crude oil and their uses.

How will my child be assessed this term?

Pupils will be assessed using a combination of classroom participation, homework, class tests and end of term exams.

How can I help my child in this subject?

Students must go over their work every day and can visit the local library and read scientific magazines. Use specifications to do independent learning. Pupils should be revising every night for at least one hour .

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me at the school from 9.00-16:00 if you have any questions or concerns. Alternatively, leave a note in your son's homework diary and I will try to give you a written response on the same day.

## Religious Studies Unit D

Term: Autumn

Year: 11

Teacher: Mrs Aisha Chaudhry

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be analysing the changing attitudes to marriage and family life in the U.K.

WE will explore the changing attitudes towards cohabitation and marriage and the purposes of marriage in Islam including the main features of a marriage ceremony. We will study Islamic teachings on relationships between the sexes within and outside the marriage. We will analyse the rights and responsibilities of men and women and explore the concepts of polygamy and equality and empowerment. We will research these topics in the context of Islamic history as well as modern day practise.

2<sup>nd</sup> Half Term: We will continue to look at the importance of the family in Islam and explore the changing nature of family life, nuclear, extended and reconstituted in the United Kingdom. We will study changing attitudes to divorce in the United Kingdom and Muslim attitudes towards divorce (kuhl and talaq). We will also examine how mosques contribute with the upbringing of children and keeping the family together.

How will my child be assessed this term?

Your son will be assessed through class participation, homework and end of topic tests. The End of Term test will be GCSE examination questions and will form the main part of his overall assessment.

How can I help my child in this subject?

Your son will benefit from having in depth knowledge of at least one other world religion and how that religion responds to the problems of the world today. It is also highly recommended that you give your son more opportunities to listen to and participate in Islamic talks so that he can increase his knowledge of Islam. A basic knowledge of current affairs is also necessary for this course so your son should be encouraged to read one of the broadsheet newspapers every day as well as listen to the news.

As always, reading is essential as this will help to build up your son's vocabulary so facilitating a reading hour daily will be beneficial too.

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me at the school from 9.00-16:00 if you have any questions or concerns. Alternatively, leave a note in your son's homework diary and I will try to give you a written response on the same day.

## Religious Studies Unit K

Term: Autumn

Year: 11

Teacher: Mr. S Y Ali

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be studying 'Islamic lifestyles and Social Practices'. As part of this unit of the GCSE syllabus we will look at, Muslim food laws, Green Islam (an environmental perspective) and Difficulties in non-Muslim communities.

We will then move on to 'Rites of Passage and Family Matters'. In this section we will cover, The Family, Birth and infancy, Marriage, Rights and duties of men and women.

2<sup>nd</sup> Half Term: In this half term we will continue the 'Rites of Passage and Family Matters'. We will study, Polygamy, Equality and Empowerment, Divorce, Death and Burial. We will then move on to Muslim Morality. In this part we will look at, Muslim virtues, Work Ethics, Wealth Ethics, Practical Compassion, Justice, Crime and Punishment.

In all parts the Islamic position on the particular section is discussed. This aim of Unit K is to provide students with factual information. There is also provision for students to think over and analyse the topics we cover.

How will my child be assessed this term?

Your son will be assessed through class participation, homework and end of topic tests. The End of Term test will be GCSE examination questions and will form the main part of his overall assessment.

How can I help my child in this subject?

Your son will benefit from listening to or reading current affairs programmes and articles or exposure to debates as this will enable them to see how people have different points of view and how they express their particular views. They will also need to have in depth knowledge of at least one other world religion and how that religion responds to the problems of the world today. It is also highly recommended that you give your son more opportunities to listen to and participate in Islamic talks so that he can increase his knowledge of Islam. A basic knowledge of current affairs is also necessary for this course so your son should be encouraged to read one of the broadsheet newspapers every day as well as listen to the news.

As always, reading is essential as this will help to build up your son's vocabulary so facilitating a reading hour daily will be beneficial too.

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me at the school from 9.00-16:00 if you have any questions or concerns. Alternatively, leave a note in your son's homework diary and I will try to give you a written response on the same day.

History

Term: Autumn

Year: 11

Teacher: MR Abdul Fattah Hussain

What will we be covering this term?

1<sup>st</sup> Half Term: We will embark on the *Great War*, it is a relatively easy topic. All students are more than capable of doing well on this topic. We will aim to get our subject knowledge down on the first term.

2<sup>nd</sup> Half Term: We will start off by assessing the impact of the *Great War* once this has been done. We will try to apply that knowledge into Exam technique. This term will be used to reinforce subject knowledge through doing past papers. Peer to peer marking them. And making sure that exam technique is sound.

How will my child be assessed this term?

Homework is an integral part of ongoing assessment. But by far the most important way your child will be assessed will be through the mock exams. For in *GCSE* exam that is all that matters.

How can I help my child in this subject?

For year 11, you should remind him of the importance of doing well. Making sure he does his Homework. Doing his coursework. Past papers. Revising his work.

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me on Thursdays between 1.30-4.00 You can also make an appointment to see me after school on Thursdays to discuss the progress of your child.

## ICT

Term: Autumn  
Year: 11  
Teacher: Ms Afsha Mohamed

What will we be covering this term?

**1<sup>st</sup> Half Term:** Students will be working on Unit 2 : ICT & Organisations coursework which forms a third of their GCSE grade. There are 4 main sections to this. Two of which will be covered this term. They will explore how organisations use ICT in a variety of different departments and activities, including communication, production, financial management, stock control and marketing.

**2<sup>nd</sup> Half Term:** The focus on this term will be preparation for Unit 1: ICT Tools & Applications. This is the practical exam which the students will be undertaking in January. This will also form a third of their GCSE. Students will work through past papers. Topics to be covered are: Word processing, Publications and presentation software, Spreadsheets, Databases, Multimedia, Web browsers and e-mail. They will also learn how to use ICT tools and applications to develop documents for different purposes and find, store and manipulate data

How will my child be assessed this term?

Homework is an integral part of ongoing assessment. Please refer to your child's timetable for the days when homework is given. The main form of assessment will be through coursework and past exam papers which the students will undertake in and outside of the classroom.

How can I help my child in this subject?

This is a vital year for son as we aim to have 2/3 of the GCSE Applied ICT covered by January. Please ensure that your son is up to date with his coursework and does not miss deadlines. Students will also be undertaking their practical exam in January. All work is carried out using Microsoft 2007 so it would be of benefit for your son to have the same software package at home.

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me at the school from 11.20am-11.40am and 13.20pm-14.20pm. You may also leave a written message in your son's homework diary or email me at [afsha.alkhair@googlemail.com](mailto:afsha.alkhair@googlemail.com)

Arabic

Term: Autumn

Year: 11

Teacher: MR Abdul Fattah Hussain

What will we be covering this term?

1<sup>st</sup> Half Term: The first term will be extremely hectic. We will aim to get most of the grammar. We will also step up from the *Carnival* book which is pre *GCSE* to *GCSE*. My Arabic friend. It will mean a lot of new vocab. So students will close read these together.

2<sup>nd</sup> Half Term: Second term though the texts will be similar we will move on to verb morphology. It means that they have to memorise verb tables.

How will my child be assessed this term?

Homework is an integral part of ongoing assessment. But by far the most important way your child will be assessed will be through the mock exams. For in *GCSE* exam that is all that matters.

How can I help my child in this subject?

For year 11, you should remind him of the importance of doing well. Making sure he does his Homework. It is essential that he gets at least the **MINIMUM** Vocabulary list memorised and Verb tables. Unfortunately, there is no escaping it. He has already been given a copy of it. If your son struggles with the pace that the lesson will go on. I would recommend all year 11 to take on private tutors or if you know Arabic help him. All of year 11 bar a few need to work extra hard to do well in their Arabic *GCSE*. I advise you all to buy 'Simple Arabic Grammar' by Yousif Haddad (Saqi Books).

Who do I contact if I have concerns about my child's progress in this subject?

Please feel free to contact me on Thursdays between 1.30-4.00. You can also make an appointment to see me after school on Thursdays to discuss the progress of your child.