

## Mathematics

Term: Autumn

Year: 10

Teacher: Mr A Shah

What will we be covering this term?

1<sup>st</sup> Half Term: 1. Transformation: changing size and orientation of shapes. 2. Inequalities: solve inequalities on a number line. 3. Estimation: significant numbers, upper and lower bounds. 4. Averages: find averages from frequency tables, interquartile range. 5. Formulae: subject of formula, identities and equations.

2<sup>nd</sup> Half Term: 6. Pythagoras: calculate lengths and angles. 7. Ratio: direct and inverse proportions. 8. Data: processing and representing data. 9. 3-D: planes of symmetry, volumes of 3-D shapes.

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: 10

Teacher: Mrs Annie Khan

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be reading their chosen post-1914 text. They will be learning about the social and historical context of the novel and will examine the themes and ideas that the author explores therein. They will learn how to write a detailed essay in timed conditions as this will be the method of assessment for this section of the GCSE. The boys will also learn about the key features of writing to argue, persuade and advise for Paper 1 of the English GCSE. This writing skill will be practised under timed conditions to improve their exam technique.

2<sup>nd</sup> Half Term: Students will continue with their selected post-1914 text and will also study cluster two of the 'Poems from Different Cultures' in the anthology. They will study the language, structure and form of the poems, as well as the key themes and ideas. Timed essays will continue to be a core part of their study so that they can sharpen their skills of comparison. Speaking and Listening tasks in which the oral skills of students are tested will form part of their study. The final tasks will be worth 20 % of the final English GCSE and should be regarded with the seriousness that they deserve.

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. 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. 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: 10

Teacher: Ms Mariam Amele

What will we be covering this term?

1<sup>st</sup> Half Terms: Pupils in year 10 will be learning about how we can keep the body healthy this term. Pupils will begin by looking at nutrition and examining the necessity of having a balanced diet. Pupils will be learning about some deficiency diseases and how they can be avoided. During this unit pupils will also look at exercise and its effect on health. We will also be critically analysing the claims of many slimming programmes to see whether they are in fact good for our health.

2<sup>nd</sup> Half Term: After half term pupils will be learning about the causes of infectious diseases and how our bodies defend themselves against them. This will involve the pupils studying the natural mechanisms of disease prevention through the immune system and how modern medicine has helped our bodies to fight disease. We will also be examining the uses of medical and recreational drugs and will analyse some of the concerns with this.

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?

It is recommended that each pupil develops their own glossary. Pupils would benefit from doing some independent research on the topics studied by reading more widely. Please ensure 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: 10

Teacher: Ms Mariam Amele

What will we be covering this term?

1<sup>st</sup> Half Terms: Pupils in year 10 will be studying in detail the different methods of thermal energy transfer in liquids, gases, solids and a vacuum. We will learn about the different factors which affect thermal energy transfer and will think of ways to prevent heat loss from different objects (e.g. homes). We will end the first half term by examining energy efficiency and will look at how energy transfers can be made more efficient.

2<sup>nd</sup> Half Term: After half term pupils will begin looking at how electricity is generated. They will compare and contrast the advantages and disadvantages of using different energy sources to generate electricity. We will end the term by looking at why electrical devices are so useful.

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?

It is recommended that each pupil develops their own glossary. Pupils would benefit from doing some independent research by reading more widely on the topic. Please ensure 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.

## Chemistry

Term: Autumn

Year: 10

Teacher: Mr. S. Ahmed

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be studying Chemistry for their GCSE and by the end of year 10 will be able to gain a GCSE in Science. In this term pupils will be able to describe the raw materials and their uses.

2nd Half Term: How atoms join to form molecules and compounds, Pupils will be able to use symbols and formulae to write balanced equations for chemical reactions.

In this half term we will continue to study the final part of the chemistry unit and develop their knowledge about rocks and other useful materials. Pupils will know the uses of limestone and understand the blast furnace and the equations.

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

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: 10

Teacher: Mrs Aisha Chaudhry

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be studying the nature of Allah as revealed to us and we will explore how a religious upbringing in a Muslim family and community can lead to or support belief in Allah. We will examine the nature of religious experiences for Muslims as seen in the *Night of Power*, *salah*, *zakat*, *sawm* and *hajj* and how these may lead to or support belief in Allah.

2<sup>nd</sup> Half Term: We will study how the appearance of the world (design and causation) and how the search for meaning and purpose support belief in Allah.

We will also explore how non-religious explanations of the world and of miracles may support agnosticism or atheism and how unanswered prayers and the existence of evil and suffering (including moral and natural evil) may lead people to reject God. WE will also examine how Islam responds to the problem of evil and suffering.

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: 10

Teacher: Mr. S Y Ali

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be studying 'The life of The Prophet Muhammad SAW'. As part of this unit of the GCSE syllabus we will look at, His Early Life, The Night of Power, The Revelations, Preaching in Makkah, The Night Journey and In Madinah.

2<sup>nd</sup> Half Term: In this half term we will continue 'The life of The Prophet Muhammad SAW'. Muhammad SAW the Ruler, The road to Makkah and the Farewell. We will then move on to Beliefs, in which we will cover, God, Tawhid and Shirk Creation, Angels, Jinn, The Devil, Human Beings and Risalah- Prophecy.

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: 10

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 10, 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.

## Geography

Term: Autumn

Year: 10

Teacher: Ms Mariam Amele

What will we be covering this term?

1<sup>st</sup> Half Terms: Pupils in year 10 will be studying 'Population' where they will learn about how the world population is distributed as well as the factors that influence variations in global population. Pupils will be learning about migration both international and local. They will also examine population change in developed and developing countries and try to understand the problems presented by these changes. Learning about population will help pupils to understand some of the challenges facing our world and to develop their own views on how these problems may be solved.

2<sup>nd</sup> Half Term: After half term pupils will be learning about 'Ecosystems'. They will learn about the factors that influence the world distribution of ecosystems and will be looking at case studies of three different kinds of ecosystems. Pupils will also examine the conflict between human uses of the land and the preservation of the environment for the ecosystems living there.

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?

It is recommended that each pupil develops their own glossary. Encourage your child to learn the meaning and the correct spelling of key geographical terms. Pupils will also be doing some case studies in class on areas of the world relevant to the topics studied. Pupils would benefit from doing some independent research on the case studies by reading more widely on the topic. Please ensure 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.

## ICT

Term: Autumn  
Year: 10  
Teacher: Ms Afsha Mohamed

What will we be covering this term?

1<sup>st</sup> Half Term: Students will be working on Unit 3 : ICT & Society coursework which forms a third of their actual GCSE grade. They will cover 5 main components : ICT and personal use, how ICT has influenced working styles, ICT is used by someone with special needs, local community and legislations pertaining to it. A wide range of technologies will be looked at.

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. 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. Please ensure that your son is up to date with his coursework and does not miss deadlines. 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: 10

Arabic

Teacher: Mr. Abdul Fattah Hussain/ Mr. S Ali

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 10, 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. In between 1.30-4. You can also make an appointment to see me after school on Thursdays to discuss the progress of your child.