Curriculum Information
Autumn 2016-17
Year 11

Non Mihi, Non Tibi, Sed Nobis
English Language and English Literature (Ms. Emily and Mr. Mike)

This term, the pupils will be studying a collection of poetry called ‘Songs of Ourselves, Volume Two.’ This collection of poetry will focus on the themes of love and family, and cover a range of ideas within those themes including familial love, unrequited love, jealousy and love of nature. The poems are varied in style and structure and they include poems written in the 18th century through the contemporary choices. This unit forms part of their English Literature IGCSE Paper 1. As well as demonstrating an in depth understanding of the poetry, the pupils will need to be able to analyse the language and the structure used by the poets to convey their messages.

Mr Mike’s Edmodo Code: amsr6v

Extended Mathematics IGCSE (Ms. Yogeswari Boghan & Mr. Shahrul Afzanizam)

This term will begin with Congruence and Similarity (the concepts of scale factor, using the scale factor to find the area and volume of similar objects), Transformations (involving reflection, rotation, translation, enlargement and matrices), Functions (Inverse and Composite functions) and Averages (involving mean, median, mode and frequency distributions). Revision of the previous topics will be part of this term too. Students will be exposed to past IGCSE questions in order to prepare them for IGCSE exams next year.

Additional Mathematics IGCSE (Mr. Shahrul Afzanizam)

This term, the focus will be on four topics of the IGCSE Additional Mathematics Curriculum; namely Differentiation, Rates of Changes, Higher Derivatives, Derivatives of Trigonometric Functions and Exponential and Logarithmic Functions. The students will be exposed to exam-typed questions and problem solving questions in order to brush up their knowledge and understanding, as well as to build their confidence in Additional Mathematics as part of their preparation for IGCSE.

Global Perspectives (Mr. David Geary)

During the first half-term, students will focus on completing their individual research reports on the topics of poverty and climate change. The students will focus on refining their research skills as well as developing the local, national and global perspectives in their report writing. They will also be honing their exam skills through focused practice sessions of key skills relating to identifying the reasonableness of arguments and judging the likely consequences of a course of action. In the second half-term the class will begin planning their group projects based on the theme of their choosing which will see them collaborate in small groups to plan, research, produce and reflect upon a group outcome on their given topic.
Coordinated Science (Double award) IGCSE (Mr. Anthony Binger)

We begin this term by looking at the different types of waves and how waves behave. We study sound and light in detail and investigate reflection, refraction, diffraction and dispersion. Optic cables are explained as we look at critical angles and total internal reflection. We then go on to look at the whole electromagnetic spectrum. Our Biology topics will include Homeostasis, coordination and response and introduce genetics as we review reproduction. The Chemistry components will look at the reactions of metals, acids, carbonates and the uses of sulfur.

IGCSE Biology (Ms. Nellie Wong)

This term, the students will learn about hormones and how hormones affect the human body. They will be introduced to several types of hormones and learn about their functions. Besides that, the students will learn about the effects of medicinal and misused drugs on the human body. After that, the student will learn about the sensitivity and movement in plants as well as their growth and the use of hormones in plants. The students will then learn about plant reproduction in the next half term. The unit will cover reproduction in flowering plants, vegetative and artificial propagation.

IGCSE Chemistry (Mr. John Foo)

Students will learn about trends in the Periodic Table, elements in Group I and VII, transition elements and noble gases. They will learn about the characteristics of metals, extraction of metals and the uses of some metals. They will also learn about the reactivity series and its uses in the extraction of metals. Students will be learning about acids, bases, salts and the making of salts. They will study about some non-metals such as hydrogen, nitrogen, sulfur and carbon, and the making of their compounds such as ammonia, fertilisers, sulfuric acid and carbonates. Students will be exposed to study concerning greenhouse gases and global warming too.

Edmodo code: iedehs
**IGCSE Physics (Mr. John Foo)**

Students will learn about the production of sound by vibrating sources and the properties of waves and sounds. They will investigate the speed of sound in air by doing some simple investigations. Students will be learning about light rays and waves and their properties such as reflection, refraction and dispersion of light. Finally they will learn about lenses and electromagnetic waves.

Edmodo code: iedehs

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**History (Ms. Jan Crompton)**

This term, students will be starting their final depth study, the First World War. They will begin with a study of the Schlieffen Plan and consider why the war was not over by Christmas 1914, before exploring the conditions the soldiers endured, living and fighting from the trenches. Students will consider new weapons that were introduced and their impact on the course of the war. Various battles will be examined, including the battles of Ypres and Somme, as well as a study of what happened at Gallipoli. It will also be important for the students to consider the impact of the war on civilian populations. The study will complete with an exploration of two key questions: why did Russia leave the war and why did Germany ask for an armistice in 1918? Throughout their study, students will be honing their source-work skills and practising past exam questions.

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**Music (Ms. Ellie Saunders)**

The IGCSE course is divided into three components: composing (30%), performing (30%) and a written paper (40%). This term will be used to solidify existing knowledge and to complete the composition course work element of the course. Two compositions will be developed with contrasting orchestrations. Performance practices will also be integrated into the term. These will take place at the Twilight Concerts on the 25th October and 8th December. Interspersed within the composition tasks will be opportunities to develop theoretical skills, aural awareness, performance skills and key vocabulary. The pupils will be expected to complete homework tasks which include using interactive websites, learning key vocabulary, preparing for performances and analysing set works.

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**Geography (Mr. Jeffrey)**

For Year 11 IGCSE Geography students will be completing the content component of the course which they will need to successfully write Paper 1 which is worth 45%. The content students are finishing will be, in chronological order; tourism, food production & industry, energy & water and environmental risks of economic development. Once completed, students will move onto the skills component of the course. Skills covered will be mapping, analysing data, and formulating research questions. There will significant time given for past paper exam questions. In addition, interventions will be running on a weekly basis starting early in the year.
Business Studies (Ms. Michelle Courtney)

This term, students will learn about productivity and methods of production. They will be able to explain the method of production used in a given situation, for example job, batch or flow production. They will need to understand the implications of new technology to business and the importance of ensuring the quality of the product using quality control, quality assurance and total quality management. Students will also learn about business in the international community, looking at exchange rates and how changes in them can affect businesses, especially importers and exporters. Students should be able to explain why multinational businesses are created and understand their impact on the countries they operate in.

Economics (Ms. Michelle Courtney)

This term Yr. 11 Economic students will gain analytical skills to determine the personal and economic consequences of economic indicators for inflation, employment and unemployment. In relation to measuring output and growth students develop an understanding of the causes and consequences of economic growth. Students evaluate measuring output with wider indicators of growth and welfare, using comparative living standards, such as GDP per head and Human Development Index (HDI). Students examine how Governments globally are addressing ‘sustainable economic growth’.

Mandarin as a 2nd Language (Ms. Soon Saw Imm)

This term, the students will learn the topics of “Stationery” and “Gifts”. They will look at a range of comprehension passages which will contain the different types of sentence structure and vocabulary. They are expected to write 80-100 words using appropriate vocabulary and sentence structure in IGCSE Paper 4 Guided Writing. Role play and oral discussions will also be given emphasis to enable students to have the opportunity to express themselves with more confidence to make them ready for iGCSE Paper 3: Speaking. Listening tasks will be taken from various types of articles with different themes to sharpen their listening skills so that they can better face the challenge of iGCSE Paper 1. The students will be expected to write a continuous piece of writing composed of 120-180 words with varied vocabulary and appropriate sentence structure.

Mandarin as a 1st Language (Mrs. Pang Sook Yee)

In the first half term, students will review and focus on the different types of narrative writing skills, including openings and final paragraphs. Students will study the topic of personality and will have an opportunity to develop the skills to write a summary based on two passages. During the second half term, they will focus on IGCSE preparatory work by analysing past papers. They will become familiar with the examination format and the timing limitations. In addition, students are encouraged to read more Chinese story books and recording these in their Mandarin Reading Report Cards.
Malay Language (Mrs. Rabiahtul Bazariah & Mrs. Pattmagowri)

The themes for this term are “Amalan Gaya Hidup Sihat, Masyarakat Tempatan and Pertanian”. The main objective is for students to acquire balanced proficiency in reading, writing, listening and speaking. New vocabulary will be introduced from time to time to enhance their foundation in grammar, reading comprehension, conversation and essay writing. In addition, students will also learn the language by reading newspapers, educational articles and academic papers. During lessons, students will be exposed to three major components throughout the semester, such as Essay writing (Penulisan), Reading comprehension (Pemahaman) and Grammar (Tatabahasa). In addition, such lessons will also help students improve their presentation skills through essay writing and oral presentations.

Physical Education (Ms. Rowan, Mr. Dennis Lee & Mr. Vinod)

During the first half of term, students will participate in activities to develop Football skills. Through the use of drills, students will improve knowledge of game play and rules play such as corner kicks, goal kicks, throw ins and ball control. In the second half of term, students will be introduced to Badminton and learn the basic rules and skills required to be successful. They will work on personal skills for singles games and doubles, improving skills such as batting, serving, and receiving. When batting, students will improve their hand-eye co-ordination when striking the shuttle and improve their tactical thinking when positioning themselves in the court. Both groups will participate in a Swimming unit, where they will learn how to be safe and confident in the water using swim and survive techniques. They will learn how to enter and exit the pool safely and begin to complete activities designed to improve their freestyle, breast stroke and back stroke techniques.

Art (Mr. Mohd Sharul Hasfis)

For this term, IGCSE students will focus on their coursework. Students will be guided in aspects of research, idea development, sketches and painting. For this term students will focus on gathering information about their work and do drawing, sketch painting and take related photo. Students are able to choose any type of artwork, style and materials that they will be able to work with. They will be given extensive opportunities to improve or to develop their ideas.

ICT (Mr. Lee Wooder)

Students have begun doing their revision for IGCSE exams. This term focuses mainly on the Practical components such as Communication (Email and Internet), Document Production (Word Processing), Data Analysis (Spreadsheets), Data Manipulation (Database), Website Authoring and Presentation Authoring. Students will be responding to extensive practical exercises to familiarise themselves with the real exam format.
## Upcoming Events

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<tr>
<th>Date</th>
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<tr>
<td>24 August</td>
<td>First day of term</td>
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<tr>
<td>31 August</td>
<td>National Day <em>(Public Holiday)</em></td>
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<td>5 September</td>
<td>Malaysia Day and National Day Celebration</td>
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<td>12-13 September</td>
<td>Hari Raya Haji <em>(Public Holiday)</em></td>
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<td>16 September</td>
<td>Malaysia Day <em>(Public Holiday)</em></td>
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<td>19 September</td>
<td>Mooncake Festival Celebration</td>
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<td>3 October</td>
<td>Awal Muhaarram <em>(Public Holiday)</em></td>
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<td>25 October</td>
<td>Twilight Concert</td>
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<td>27 October – 1 November</td>
<td>Mid Term Break</td>
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<td>4 November</td>
<td>Deepavali Celebration</td>
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<td>8 December</td>
<td>Twilight Concert</td>
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<td>12 December</td>
<td>Prophet Muhammad’s Birthday <em>(Public Holiday)</em></td>
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<td>16 December</td>
<td>Christmas Celebration</td>
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<td>16 December</td>
<td>Last day of term</td>
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