

BRITANNICA INTERNATIONAL SCHOOL, SHANGHAI

## **Secondary Curriculum Overview**

### **Spring Term 2018**

### **Year 12**

#### **ENGLISH LANGUAGE**

Year 12 students have been working hard to develop their understanding and use of grammatical techniques when writing for different audiences. Students have also been reading a range of texts to analyse a writer's meaning and purpose. This term in English, students will be using these skills and their knowledge to focus on exam technique. Students will be studying all aspects of the course; speaking, listening, reading and writing, but in the context of varied exam questions. Students will be looking at past papers and the accompanying mark schemes to understand how to achieve their best. Students will be continuing to read as a group and independently.

#### **MATHEMATICS**

This Term Year 12 will be focusing on finishing Core 2 and making a good headway into Statistics 1. The units still to cover in Core 2 include Radians, Geometric Series, Trigonometric Graphs and Circle Geometry. In Statistics students will begin to look at mathematical models in probability and be able represent and summarise data. We will also look at correlation and regression lines. Throughout the term students will be recapping what they have done in Core 1 so that they are prepared for the summer examinations.

#### **BUSINESS STUDIES**

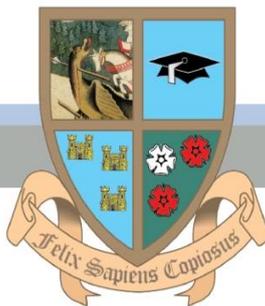
This term in Business, the focus will be on covering the topics that will be in the 2<sup>nd</sup> business paper in the summer. Some of those topics include investment formulas, strategic management and external influences. Additionally, there will be a focus in the areas that students scored lowest in the mocks with the intention of revisiting and helping them overcome any knowledge barriers.

#### **PE & Swimming**

In Year 12 students will be given a choice of which activities that want to take part in for their core PE lessons. At the beginning of the year the students were surveyed and a selection of sports and activities were chosen based on the results of this survey. Moving into the second term the students will be offered the choice of baseball or dodgeball, these were two activities that featured highly within the initial survey. In baseball students will have the opportunity to work on their fundamental throwing and catching skills as well as developing a deeper understanding of the rules and tactics of the game. In dodgeball students will have the chance to improve their agility and coordination all while taking part in an exciting fun environment.

## **CHEMISTRY**

Post Mock Exams we will be reviewing together the questions and the answers that students gave. We will look at model answers and make sure that all students fully understand what the examiner was looking for in an ideal answer. Having now completed the whole course, over the remainder of the term we will start to fully review the course, breaking it down into small areas for students to revise and be tested on.



BRITANNICA INTERNATIONAL SCHOOL, SHANGHAI

## Secondary Curriculum Overview

### Spring Term 2018

### Year 13

#### ENGLISH LITERATURE

Students will be continuing to work towards their A2 examinations at the end of this year. This term they will be continuing to study the poetry anthology, exploring the works of the metaphysical poets, alongside revisiting other set texts, in preparation for the final examinations. Year 13 students should also ensure they take full responsibility for their own independent learning, through continuing to read around the subject and the texts they will be studying in lessons.

#### BIOLOGY

Year 13 will study the topic of genetics. Genetic information is transmitted from generation to generation, the process of meiosis introduces genetic variation so that offspring resemble their parents but are not identical to them. Genes determine how organisms develop and gene control in bacteria gives us a glimpse of this process in action. Later on, year 13 will study the theory of natural selection and selective breeding.

At last, year 13 will learn about many applications of gene technology in areas of medicine, agriculture, and forensic science. This section relies heavily on prior knowledge of DNA structure and protein synthesis studied in year 12.

#### MATHEMATICS

This term Year 13 will be focussing on finishing the last chapter of Core 4 (Integration) before starting Statistics 2. Statistics 2 involves Binomial Distribution, Poisson Distribution, Continuous Random Variables, Continuous Uniform Distribution, Normal Approximations, Population and Samples and Hypothesis Testing. Throughout the term pupils will be recapping what they have done in Core 3 and Core 4 so that they are prepared for the summer examinations.

#### BUSINESS STUDIES

Students will be continuing to work towards their A-Level exams in the summer. There will be a strong focus on strategic management and investment ratio and project management tools including the critical path theory that are common components in every exam. There will be a focus in the areas that students scored lowest in the mocks with the intention of revisiting and helping them overcome any knowledge barriers. Moreover, students will be given regular “walk and talking” exams. A walk and talking exam is where students go through a past paper in class and but is not under exam conditions. The aim of the activity is to give students a time limit to answer each question then, get the opportunity to share their answers with their peers.

### **FRENCH**

During this term in French, the pupils will finish studying the topics about France cultural and philosophy or French literature. They will continue to study and analyse different French texts. They will also practice for the oral presentation and discussion. Towards the end of term, they will be able to organize a French essay and summarise French texts.

### **ECONOMICS**

Students will be continuing to work towards their A-Level exams in the summer. There will be a strong focus on macroeconomics which covers a variety of topics including economic growth, the circular flow of income and Keynesian and Monetarist theory. Also, there will be a focus in the areas that students scored lowest in the mocks with the intention of revisiting and helping them overcome any knowledge barriers. Moreover, students will be given regular “walk and talking” exams. A walk and talking exam is where students go through a past paper in class and but is not under exam conditions. The aim of the activity is to give students a time limit to answer each question then, get the opportunity to share their answers with their peers.

### **PE & Swimming**

In Year 13 students will be given a choice of which activities that want to take part in for their core PE lessons. At the beginning of the year the students were surveyed and a selection of sports and activities were chosen based on the results of this survey. Moving into the second term the students will be offered the choice of baseball or dodgeball, these were two activities that featured highly within the initial survey. In baseball students will have the opportunity to work on their fundamental throwing and catching skills as well as developing a deeper understanding of the rules and tactics of the game. In dodgeball students will have the chance to improve their agility and coordination all while taking part in an exciting fun environment.