
WATCH

Coffee Meet

All parents are invited to attend a coffee meeting at school on November 7, 2022, for a discussion of the overall DP curriculum and talk about the student's progress over the first and second terms.

**Mid-term Examinations**

Starting from November 27, 2022, to December 6, 2022, Mid-term examinations are beginning for grades 11-12 DP. Within this time period, all regular classes will be suspended and the syllabus of the exams will be covering all topics from August 2022 - November 2022. The revision for the examinations of all subjects will start on the 21st of November, 2022.

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CAS Trip to Chiang Mai

As all students and guardians have been previously informed, the CAS trip to Chiang Mai, Thailand will occur from the 6th to the 14th of December, 2022. An itinerary for the trip was provided to the students and parents are encouraged to read through the schedule, so as to gain knowledge about their child's activities in advance. The trip will encompass a mixture of creative learning, physical activities and service for the community.

This trip is heavily important towards the student's CAS programme, fulfilling many of the criteria needed to get a satisfactory grade for their CAS. CAS is vital for passing the IB Diploma Programme.



5 Year IBDP Evaluation

Every 5 years, IB commences an inspection of all schools hosting the diploma programme (DP) curriculum to ensure that said schools are holding up to standards set by IB. It is recommended that students prepare for this inspection, as it will occur on January 2022. IB representatives will arrive at the school to question students on their knowledge about their subjects, alongside questions concerning the unit key concepts, related concepts, international-mindedness and IB course as a whole.

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Bangla A: Language and Literature

Studying Bangla, we covered “readers, writers and texts” which explores the nature of language & literature and its study. We read a few translated works (of both male and female writers) which consist of “A Good Muslim”, “Pride & Prejudice” and “The Taming of the Shrew”. This allowed us to recognize and interconnect the similarities between western (European) and eastern (Bengali) societies. The division between the upper and lower classes, the contrast in religious beliefs, and value differences were some topics of discussion. We also read the short stories by Manik Bandyopadhyay that expressed the world's reality in a unique and bizarre light. From that, we created review videos where we shared our own personal thoughts and opinions on a specific story from his book. Learning portfolio tasks were exhibited too where we used our creativity to represent the stories in forms such as collages, art, posters etc.

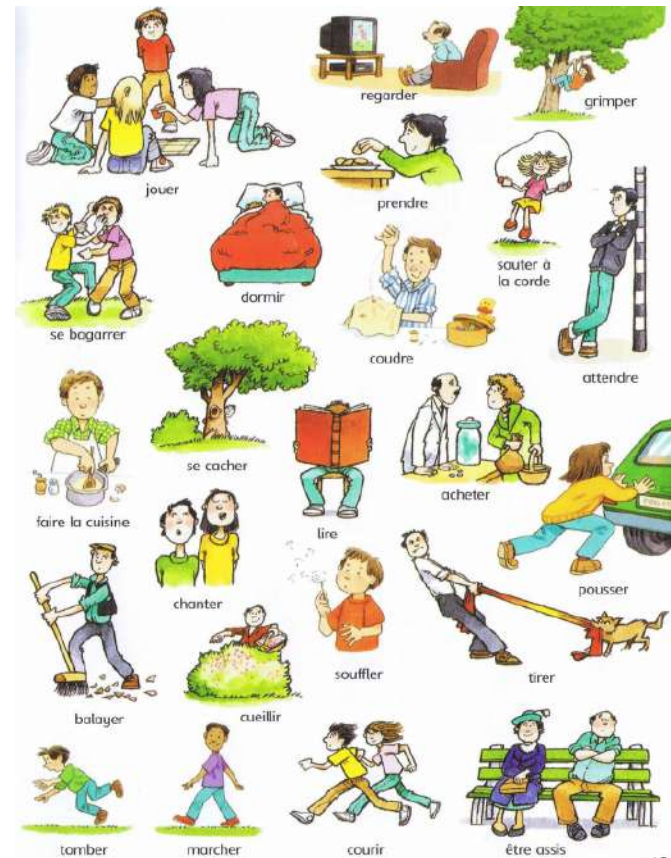
English A: Language and Literature

Starting English, we were taught to analyse advertisements and spot the various visual elements used in them. We also made PowerPoint presentations analyzing a specific company's advertisements and narrating the effectiveness and usage of the visual elements. Following this, students were asked to read and analyze various different poems from Rabindranath Tagore's “Gitanjali”, identifying their core themes and the language used by Tagore to convey his emotions within the poems. We then proceeded to do the same task for the poetry of Robert Frost.

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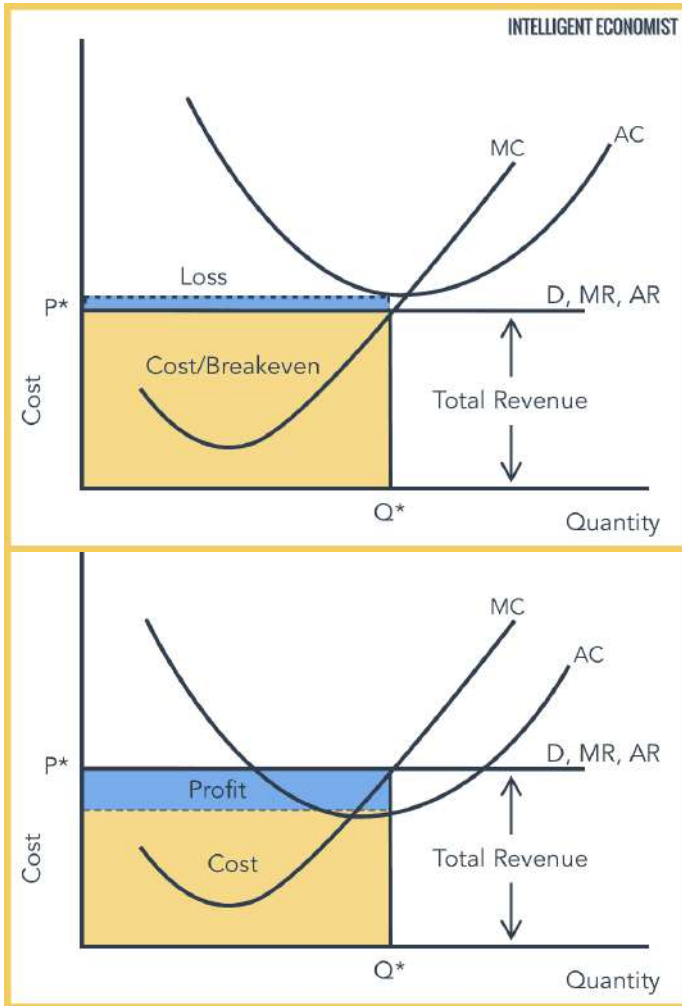
French ab initio

As we introduced ourselves to french, we were taught a number of topics starting from countries and nationalities, the conjugation of 1st and 3rd group verbs, reflexive verbs, identifying oneself, how to describe a person with various types of verbs and adjectives, identifying body parts, being able to tell time, the name of pieces of clothing, how to write an email formally in french, passé composé and various related verbs, examples of writing a letter, describing activities using verbs, passé composé with être, describing daily routine, less verbes pronominaux, negation and advanced negation, healthy eating, l'imperatif verbs and finally, how to ask questions.



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Economics



In this term for Economics, we have been learning about how the market works, market power and categories of markets such as monopoly, oligopolistic competition, perfect competition and much more. This demonstrated the differences and similarities between the markets. To dig deeper into the topic, we learnt about the production and economic system along with the extent of control over price.

Not to mention the number of terms we have been learning to use in formulas such as total cost, average cost, total fixed cost and more. In addition, we learnt how to draw the graphs for the three situations that take place in perfect competition in the short run which include- subnormal profit, supernormal profit and normal profit. The latter also persists in the long run.

For Business Management, we have covered numerous case studies about specific companies such as Starbucks, Microsoft and other big-name companies that are trying to expand their operations into new markets. To aid in this analysis, we were taught about the types of business organizations, such as sole trader organizations, and partnerships as well as the difference between private and public companies. Following this, several different diagrams and types of analysis were taught to the students, such as PEST and SWOT analysis along with the Ansoff Matrix and BCG Matrix. Alongside this, we also learned about marketing a product or service (specifically the difference between marketing a good and a service), the definitions of market orientation and product orientation, the 4 P's of marketing as well as why market research is important for a product's success.

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This term for Visual Arts, our key contents were Art history, Prominent Art movements, Modern Art History and Contemporary Art activities. Throughout the term, we recognised the significance of art styles including intents and qualities by honing our drawing and painting skills and by developing a personal artistic style or concept in order to differentiate ourselves from other practising artists and find fulfilment in expressing our own ideas. The students were given the chance to choose renowned artists according to their own desires for comparative study and gain knowledge about art history and contemporary styles. We also investigated, recreated and experimented with different artists' art forms and styles to understand how and why different techniques have evolved and the process involved by using diverse art mediums and exploring new innovative techniques for making art.

Visual Arts



Painted by Shefatun Fiona DP11



In Environmental Systems and Societies (ESS), we educated ourselves about ecosystems and ecology. Prior to that we completed the last portion of the systems chapter. Furthermore, we have learned about Biosphere related to which we did Q&A tasks and presentations followed by a lab work titled "Candle System" and created an entire report based on the observations from the experiment. Under ecosystems, we acquired an in-depth understanding of topics under species and populations. Within the chapter, we learned the basic definitions of terminologies (habitat, niche, biotic/abiotic, etc), interactions between populations (competition - intraspecific | inter specific, predation, herbivory, parasitism & mutualis) and overtime changes in population (s-curve & j-curve). We also learned how a food chain works and the different trophic levels within it.

ESS

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Physics

We are studying mechanics this month in physics. Forces, work energy, power, and momentum are among the subtopics of mechanics. The Measuring G (falling ball) lab experiment has been finished by the students. Both SL and HL physics students must complete this assignment.

We applied what we had previously discovered about the kinematic equations in this experiment. We had to use the kinematic equation to calculate gravitational acceleration after determining the gradient. Along with other physics-related topics, we have also studied scalar vectors, SI units, derived units, vernier scale reading, and more. We have also started the preliminary stages of our internal assessment.



Chemistry

Chemistry students have explored a plethora of topics within the last two terms. These include Periodicity, Stoichiometry and Atomic Structure. Here, we were taught a variety of formulae that involved finding the number of moles, the given mass of a compound, the limiting reagent and the excess reagent. Alongside this, we were also taught about the definitions of electronegativity, ionization energy, atomic radius and ionic radius.

Following this, we completed 3 different lab experiments which include finding the molar volume of hydrogen gas, finding the empirical formula of $\text{CuCl}_x \cdot \text{YH}_2\text{O}$ and ending with a flame test for metal salts.

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Biology



Within the last two terms, Biology students have explored cell biology, Molecular Biology, and genetics, specifically covering topics such as Cell Biology, Molecular biology, Metabolism, Cell respiration and Photosynthesis (an HL topic). Cell biology has covered the components of a cell and their functions. Molecular biology has covered the structure of DNA and RNA, the 20 amino acids and the structures of Lipids as well as Carbohydrates.

Furthermore, students have completed their first biology experiment, familiarising themselves with standard microscopes while looking at the plant, animal and bacteria cells.

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Whilst studying maths this month, we have completed two chapters of the book. The first chapter cover number patterns and sequences whilst the second chapter covers functions and graphs. The first chapter specifically covers the formula for arithmetic progression and geometric progression as well as to find the value of a specific term or sum of all terms.

On the other hand, the second chapter covers finding out the domain and range of function, drawing graphs of a function, composite functions and finally, finding the inverse of a function. Additionally, we learned a few new uses of the quadratic equation and the equation of a line to define a function and draw a graph.

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Digital Society



Digital Society is a whole new experience for all the new IBDP students. We look into Global Societies, Technology Innovation, Multimedia, Political Stakes, etc. Digital Society is divided into several categories and organized according to the terms. During our journey in Term 1, we looked into the hardware and software evolution of computers on malware, security, licenses and databases. The students have had the opportunity to learn about the digital world, its evolution, and its impact on our societies. In Term 2, we are currently working on the Social and Political use of Technology, such as Home and Leisure, IT involvement in Health, Business, and learning about the philosophy and art behind Ergonomics. Digital Society are categorized into 3 different core elements (Content, Concept and Context). Students can increase their thinking and communication skills through various discussions with their facilitators and peers. We investigate the impacts, laws and regulations, the pros and cons, and share our opinions and ideas with one another for a better future and growth in Digital Society.