THE GAUDIUM SCHOOL
Sculpting happy minds

PRISM

IB DP Edition

February 2022

Teacher's Corner

Significance of IBDP Mathematics (Application and Interpretation)

An IB education is unique because of its rigorous academic and personal standards. IB programmes challenge students to excel not only in their studies but also in their personal growth.

IB Math is one of the most demanding subject groups offered in the IB Program. With the emergence of disciplines such as Data Science, Machine Learning, Artificial Intelligence, etc., the field of mathematics has become even more prominent.

Students are encouraged to appreciate the international dimensions of mathematics and the multiplicity of its cultural and historical perspectives. All DP mathematics courses require students to appreciate the use of technology in mathematics.

However, every career path requires math differently. Keeping this in mind, IB has made it more 'student-friendly' and to increase its practical relevance, International Baccalaureate Program has introduced IB Mathematics standard level AISL.

Sunitha V Gutta

IBDP Mathematics Facilitator

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Holistic Excellence-Computer Science Transfer Skill Reflections

```java
import java.util.*;

public class ArraySum {

  public static void main(String[] args) {

    Scanner kb = new Scanner(System.in);
    String Input1;
    String Input2;
    System.out.println("Enter the Multiplication table you want to see");
    Input1 = kb.nextLine();
    int num1 = Integer.parseInt(Input1);
    System.out.println("Up-to which number?");
    Input2 = kb.nextLine();
    int num2 = Integer.parseInt(Input2);
    System.out.println("The Multiplication table is");
    for (int i = 1; i <= num2; i++) {
      System.out.println(+num1 + "*" + i + "=" + (num1 * i));
    }

  }
}
```

```
Enter the Multiplication table you want to see
11
Up-to which number?
5
The Multiplication table is
11*1=11
11*2=22
11*3=33
11*4=44
11*5=55
```

Throughout my IB Computer Science course I have encountered many interesting ideas and concepts which helped me develop many of my skills. One of the skills which I really honed through Java Programming and Pseudo code was my logical skills.

I started this course with very basic skills in both logic and programming but in just a span of 2 months of learning syntaxes and creating/applying logic I have observed a huge improvement in my logical applications. Through these newfound skills I was able to understand and approach subjects like math better. One of the programs I've done using my own logic was executing multiplication tables of a number to another number through user input.

I was able to develop a very analytical approach to problems through this code. The IB CS course also have a massive contribution in sharpening my problem solving skills.

Sai Ankit Reddy

IBDP 1 Student

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Holistic Excellence-National Science Day

The National Science day is celebrated every year on February 28th to commemorate the discovery of Raman effect. Sir C.V.Raman was awarded Noble prize in Physics for his work in the year 1930.Through out the nation this day is celebrated with lots of enthusiasm among the scientific community and students. In Gaudium the Science day was celebrated across all the curricula showing experiments that aroused curiosity among the students. Ms.Asha lakshmi Divella a scientist from Hindustan Aeronautical limited Hyderabad was the resource person who enlightened the students on the role of science in our day to day life. As the students were having exams the teachers from science department took the mantle and gave a good presentation of experiments followed by a skit.

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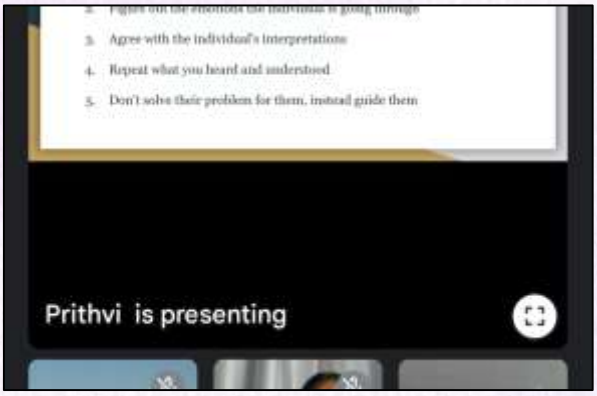
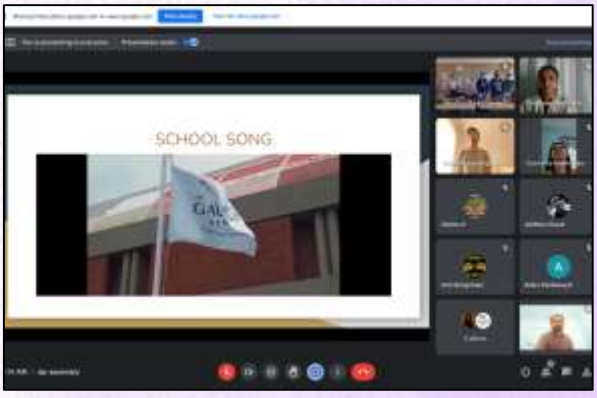
Core Values- Empathy (CAS)





On the 2nd February, 2022, the DP Year 1 students presented the assembly on the relationship between Empathy and Language. Empathy being the core value of the month, the students showed how language plays an enormous role in being able to empathise with others. The students talked about empathetic listening and mentioned the skills that one needs to be an empathetic listener. The students also helped the gathering, virtual and physical as we had to conduct this assembly in a hybrid manner, to understand the salient features of the Union Budget of India. Finally, there was a video shown that helped everyone understand the necessity of reading to become more empathetic.

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Core Values-Assembly on Empathy-Skit performance (CAS)

On the 9th of February, the students of IBDP Year One came together for the assembly presentation on the chosen core value of Empathy. They scripted a humorous skit that showed clearly what an empathic mindset is. The skit exhibited how to be empathic in the most sensible way - that a leader needs to listen to their subordinates to help them become more productive without being stressed. The skit also showed the danger of following a misguided leader. The skit was not only performed by the Year One students but also written by them.

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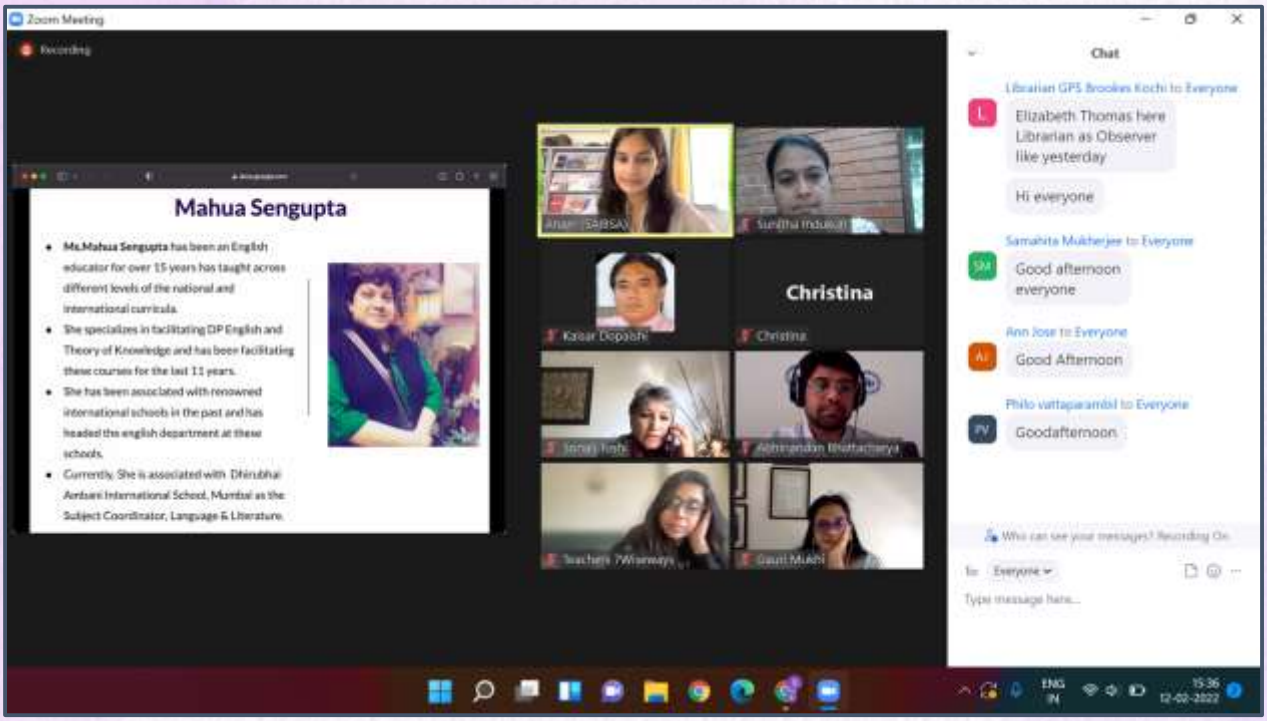
Stakeholder Engagement-SAIBSA English Language and Literature



"When people challenge your ideas, they help you (whether they know it or not)." This quote is apt to meet the purpose of me attending the SAIBSA session on IAs and External Assessments in English on February 12th,2022. The platform headed by Ms. Pallavi Mogre, Ms. Mahua Sengupta, Ms.Sonali Joshi and Mr. Abhinandan Bhattacharya, cleared a lot of doubts with regard to structuring Guided Textual analysis response and narrowing Global Issues for Individual Oral. The objective of session was to promote a greater understanding of the assessment criterions for various components in English: Be it the word limit for GTA, number of stylistic devices the students have to respond or how to divide time for literary and non-literary texts in Individual Oral . The forum helped all the participants and facilitators to be enriched through their sharing and provided an opportunity to strengthen and deepen the understanding of standards and practices in various assessments in English .

Sunitha Indukuri
IBDP English facilitator

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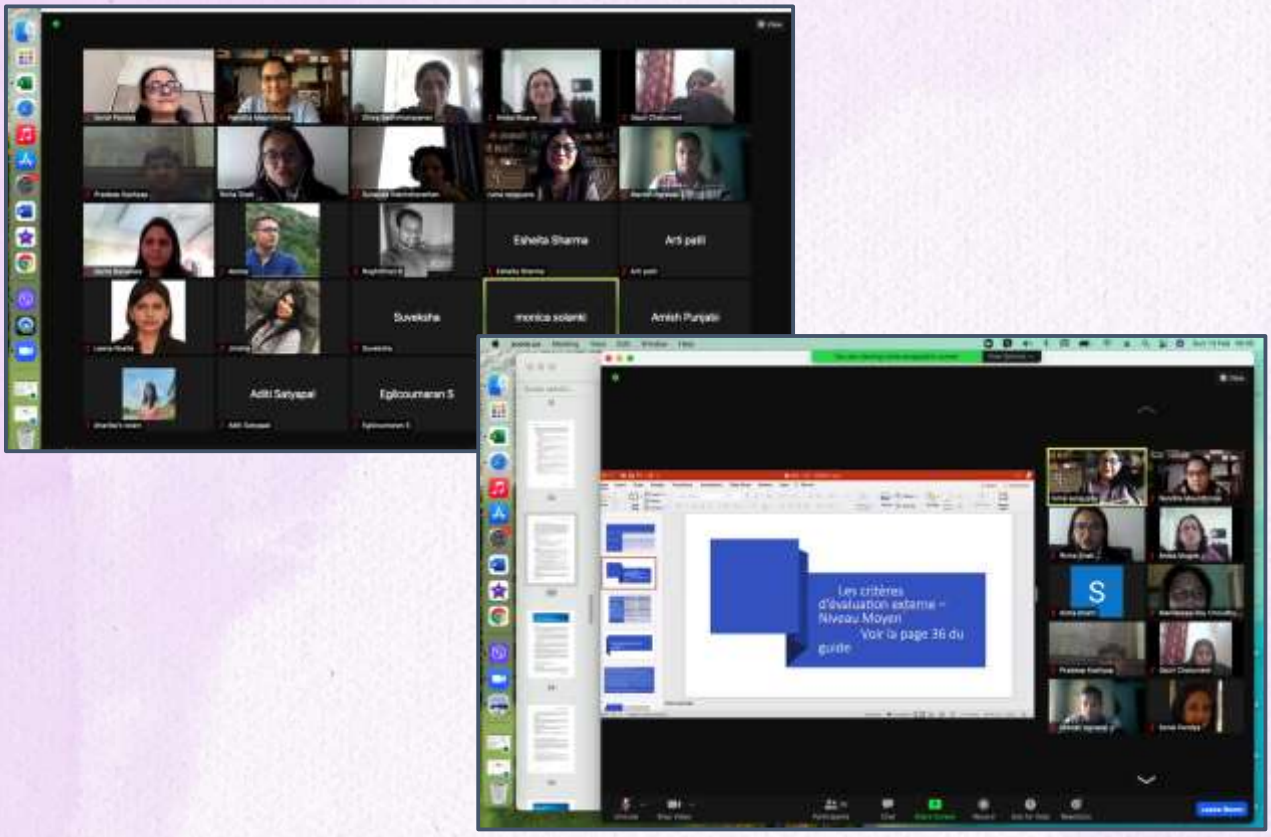
Stakeholder Engagement-SAIBSA French



A session was organised by CALIDO Learning Pvt. Ltd on Sunday, the 13th of February 2022 for the French Language teachers in IBDP. This session was facilitated by two experienced IB teachers, Mrs Ruma Sengupta and Mrs Pushpa Sherighar in two important components, Paper 1, writing task and the Internal assessment [Internal Oral Assessment]. The 3 hours session was divided into 2 parts where we were divided into 2 groups to discuss about the components. Though it was not a training for us, we collaborated and exchanged ideas about the new syllabus.

It was an extremely meaningful session which helped not only to improve our understanding of the new syllabus but also contribute to the Holistic Excellence pillar, as we discussed specific parts of the components which could help our students to master these skills and score good marks.

Ms. Nandita Maunthrooa
French Language Educator
Head of Foreign Languages

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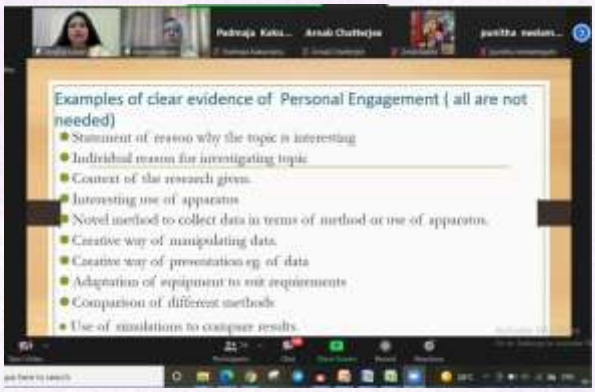
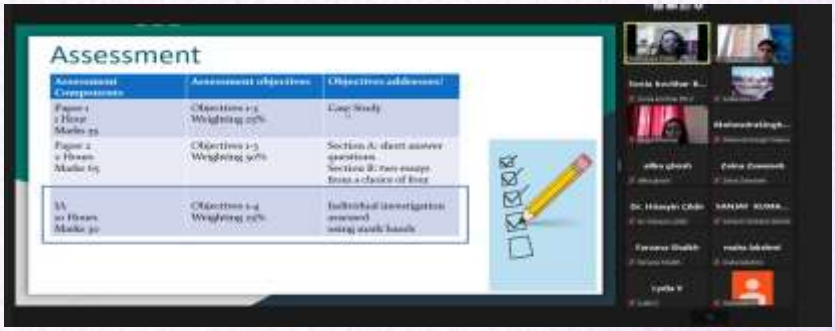
Stakeholder Engagement-SAIBSA Computer Science, History, Physics and Chemistry





Achievements cannot happen without meticulous planning. IB philosophy always believes in a commitment to improve the teaching and learning of a diverse and inclusive community of students by delivering challenging, high quality programs of international education that share a powerful vision and planning facilitates this.

Job-like sessions forum helps all the participants and facilitators to be enriched by sharing and providing an opportunity to strengthen and deepen their understanding about the IBDP standards and practices.

At the Gaudium we believe in continuous comprehensive training of teachers so that they are at par with all the needs and expectations of the Curriculum and giving the best to the students . It is mandatory for all the IBDP teachers to attend the SAIBSA sessions and share their inputs with the entire team so that effective collaboration takes place.

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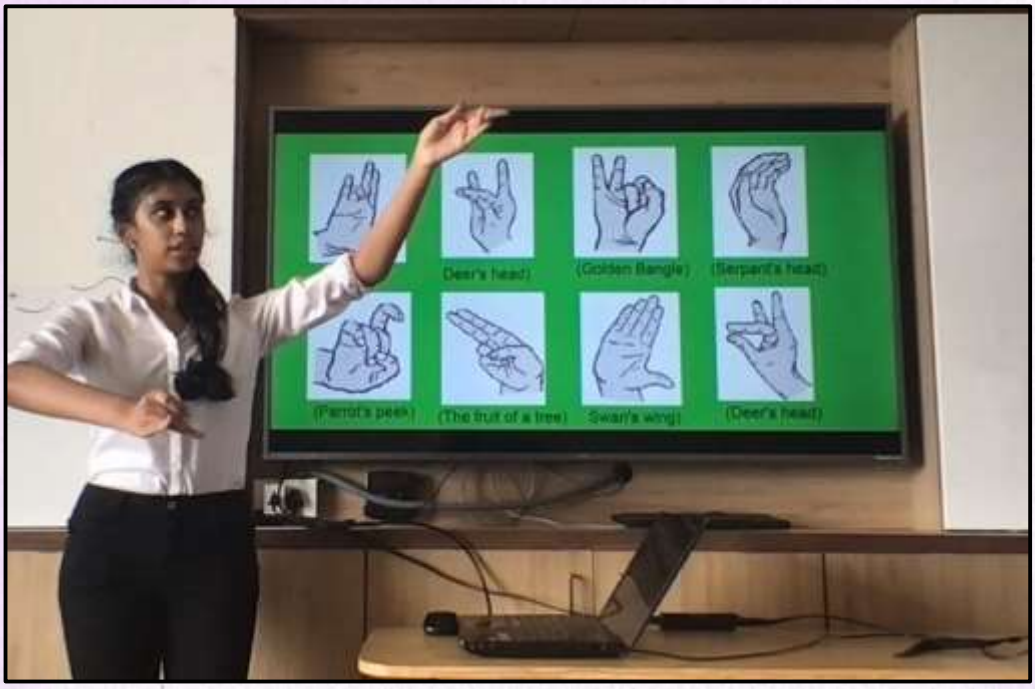
Mindfulness and Wellbeing-ATL skills and the Theatre Research Presentation



As an integral part of the IBDP Theatre coursework, we need to demonstrate a research presentation on a theatre tradition of our choice, from a given list. One of the core aspects of our research presentation is understanding the particular voice, face, gesture and movement of the theatre tradition we have chosen; these five elements are what mainly distinguish one theatre tradition from another. I chose the Theatre tradition of Kathakali for my Research presentation, which originates from Kerala, India. As an IBDP Theatre student, we must also identify a performance convention from our chosen theatre tradition for this task. This performance convention helps us better understand the variations between different theatre traditions.Through our research, we also need to be able to find and connect our chosen tradition to another existing theatre tradition.

Once we have concluded our research, we must put our knowledge to use, and perform a short scene from our chosen theatre tradition, showcasing the elements and conventions discussed in the presentation. All these aspects of the research process and presentation taught us various skills, especially research skills, in finding credible and reliable sources, and communication skills, demonstrated in the way that we synthesise and then present the information that we have.

Rachna Govindayapalli

IBDP 2 Student

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Mindfulness and Wellbeing- Materials and meaning in Visual Arts

Choosing a medium that is appropriate to concept is the key to the success of student's artwork. The material they use, the surface they work with, the marks they make, the colour they choose, the scale of the work- all of these contribute to the overall effect and how the work communicates. Students will be able to make these choices more easily once they have experimented with a variety of materials and techniques which ultimately help to shape and guide their development as an artist.

Debendra kumar Sahoo

HOD Visual arts

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Global Leadership-Professional Development

Teacher learning or training is a continuous never-ending process which promotes teacher's teaching skills, master novel knowledge; develop better or newer proficiency, which in return assists in improving student's learning. I have attended two workshops as a Diploma Programme Coordinator to upgrade my knowledge and train my team which will help the new age online pedagogy

Concept Understanding on 29th Jan and 26th feb 2022 which was conducted by Mr.Jitendra Pandey who is certified by Lynn Erickson's Institute as a Concept-Based Curriculum and Instruction trainer and consultant. It began with a saying that the best gift a teacher can give a student is being a wholesome teacher. As a participant I was acquainted with a broad variety of approaches to teaching in a concept based learning environment. We were made to explore the potential activities for the different stages of an inquiry exploration and will inquire into the design of a culture of thinking in concept based teaching and learning scenarios. I attended another workshop from 18th Feb-20th Feb, 2022 on **the Role of Coordinator Cat-3 conducted by Glen Johnston** who is currently the Taiwan DPC Network Chair and is the MYP/DP Coordinator of Starlight Experimental Education Institute in Taichung, Taiwan. She has been teaching for 28 years and 15 years of that is teaching IBDP Physics and Chemistry and IB MYP Science.

We were thoroughly trained to leverage IB Programme standards and practices (PSP) to support programme development, provide ongoing pedagogical leadership to ensure effective learning , act as key members of a collaborative team who are empowered to lead programme development ,embrace complex challenges with a solutions-oriented approach, create structures, systems and resources to further develop the programme. It was attended by seventeen members who are in the position of DPC across the schools around the world.

Ms.Varsha Dillikar
Diploma Program Coordinator

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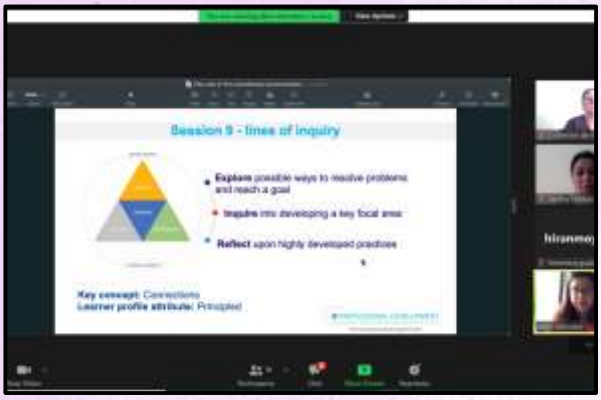

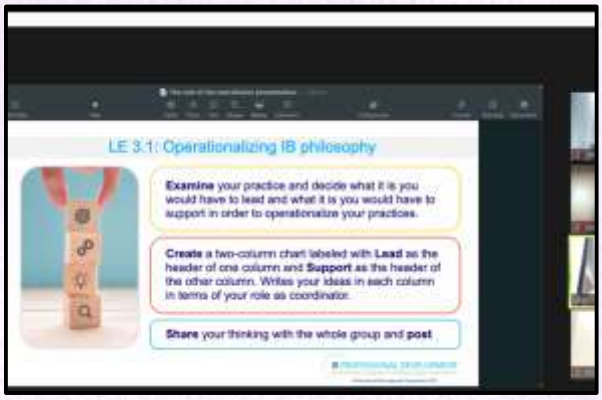

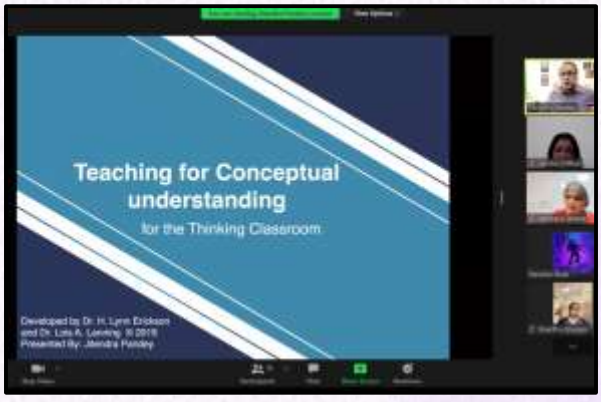

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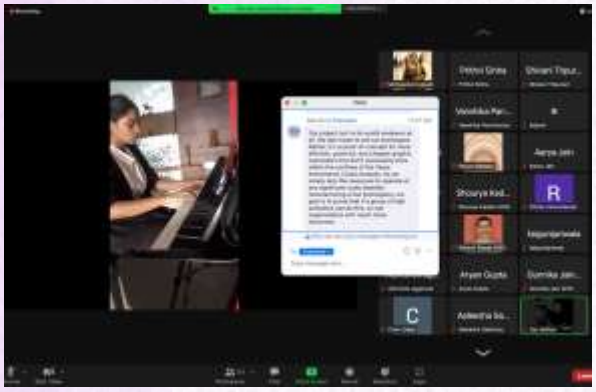
Global Leadership-Cascade



CAS is the ungraded core element of the IBDP, where the students engage and upskill in something that they are passionate about beyond their academic responsibilities. On the 29th of January, 2022, The CHIREC International School had organised their annual exhibition of CAS. Along with many other schools, The Gaudium School was also one of the presenters. Shriya Kamtam, Vishnu Veerabomma, Venkata Rahul Kondagunta and Sai Ankit Reddy were the four students who presented the CAS initiatives that took place in Gaudium in the last 10 or 12 months. Undone, the fashion show that the students had conducted on The Farmers' Market to denounce fast fashion and uphold sustainable fashion trends, was the main attraction of Gaudium's presentation. However, apart from this whole school initiative there were other students who explored their own passions in serving the community.

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Global Leadership-Indo-Finish Conference

Our Principal, Ms. Shalini Singh Hamilton, was the keynote speaker in the Indo-Finnish Education Conference arranged by the Finland Education Ministry for the audience of 6 to 14 year old kids and their parents (Finnish & Indian) wherein she spoke about the successful pedagogical initiatives taken up at The Gaudium to nurture children's curiosity and thereby provide a holistic learning aligned with the Happy Minds Model.

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Upcoming Events...

Date	Day	Event	Grade
1st March	Tuesday	Mahashivratri	IBDP
4th March	Friday	Mock 1 for DP2 ends	IBDP2
10th March	Thursday	Final uploading of TOK and EE	IBDP2
12th March	Saturday	Three way conference	IBDP
16th March	Wednesday	Mock2 begins for DP2	IBDP2
18th March	Friday	Holi	IBDP
31st March	Thursday	Final submission of IAs	IBDP2

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