

Conexión

Monthly E-Newsletter

 **September 2022**

THE WIND BENEATH OUR WINGS: HAPPY TEACHER'S DAY!

The celebration of Teacher's day holds a special place in all our hearts. It is the day that honours the valuable contributions of teachers to our lives and society. The IBDP learners at Knowledgeum Academy commemorated Dr. Sarvepalli Radhakrishnan's birth anniversary on September 5, a day when learners across the nation show their appreciation for the selfless profession of teaching. The occasion was marked with enjoyable activities involving their educators. The exciting Teachers' Day activities forged a stronger connection between educators and learners and offered them an opportunity to thank their mentors. The only emotions that can be conveyed in return for all the time and effort educators invest into helping learners reach their maximum potential are admiration and gratitude.

Our beloved Dr. APJ Abdul Kalam rightly said,

Teaching is a very noble profession that shapes the character, calibre, and future of an individual. If the people remember me as a good teacher that will be the biggest honour for me.



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PHYSICS LAB SESSION: A SCIENTIFIC PLANE

The learners dabbled with various measurements, concepts and theories more broadly, indicating truly how effective these physics labs are at widening their scope of learning.

The goal of a Physics lab session is generally to present the concept behind the data. The session at the laboratory was engaging, and exciting and the learners watched and attempted to perform various experiments; that's not where it ends though. The learners further explained the nitty-gritty of every reaction that they witnessed.

At the end of the day, the aim is to prepare IB learners to be in a position where they can organise their ideas carefully and express them seamlessly.

Key takeaways from the physics lab:

- The goal is how to communicate the knowledge of physics rather than just modelling physical systems.
- The lab sessions are more focused on understanding the underlying physics, analysis, and reason behind every task.



MATHEMATICS LAB SESSION: STRENGTHENING THE BASICS

Mathematics can be tricky! Wouldn't you agree? It could be one of your favourite subjects or might not be, but at some point in our lives, all of us have struggled with Maths; It might be easily labelled as the “handle with care” subject. At our academy, we strive to change that notion and reintroduce it as a subject that is fun, intellectual and ever-beneficial.

In keeping up with the changing times and how the world operates right now, the mathematics laboratory at Knowledgeum Academy merges technology to deliver its teachings. Here learners scrutinise the properties of traditional mathematics, spend time deriving graphs of various functions and deepen the beauty of mathematics and are less focused on solving generic sums.

Key takeaways from the mathematics lab:

Illustration of various doubts and queries through vivid representation and colourful graphics.

- Dynamic tools which address the basic concept of mathematics.
- Research is given the utmost priority for various projects under the supervision of our Knowledgeum experts using the maths lab facilities.



CHEMISTRY LAB SESSION: IT'S LIKE MAGIC BUT REAL

There is a saying “Science is just a word; Lab work is an emotion”. Here, the chemistry lab for the IB learners at Knowledgeum Academy is a proper amalgamation of academic study along with practicality and exploration. Since chemistry is a vital subject for many other courses, learners are well equipped with a chemistry background. The lab is well equipped with state-of-the-art devices such as funnel, magnetic stir bar, burettes, gas lines, and the safety devices like firefighting equipment, first-aid kit, etc. The prone substances are kept separately within the safety measures.

Key takeaways from the chemistry lab:

- Highly competent to take on academic and professional challenges after graduating from Knowledgeum Academy.
- Developing strong observational skills and a good hand in the manipulation of scientific material helps in a better understanding of the science of chemistry.
- As a true IB learner, a sustainable competitive environment is provided to nurture the budding scientist within.

Overall, the chemistry lab is designed in a way that improves the overall performance of an individual and enhances the learning experience.



CURIOSITY FUELLED DAY: ISRO VISIT

When you hear about ISRO, what comes to your mind? An organisation that deals with space and rockets, isn't it? Our learners had a super thrilling day on their visit to the Indian Space Research Organisation –ISRO where they found out about WHY, WHAT & HOW of space. This mindful day was designed specially to encourage research and make them aware of the various dimensions of space and satellites.

The prime takeaways for our IB Learners:

- The space aspirants get to know the look & feel of the ISRO operations and their activities.
- Creates a scope to train themselves and land a job at the Indian Space Organisation or its likes.
- Awareness of various technicalities about satellites and rockets also gives them a chance to develop small satellites and other inventions.
- A brief on space assets and applications to promote a scientific temperament.

The prime objective was to develop an inclination to learn about space technology and celestial bodies which were once tough to think about but are now closer to reality.



POWER TO MENTAL HEALTH: NIMHANS

According to a NIMHANS' study, 1 in 10 Indians have a mental health condition, hence to deny it by putting it across just as a 'statistic' would be sheer ignorance. The psychology learners at IBDP were taken to NIMHANS for a field visit where the agenda was to promote mental health literacy and eradicate the stigma attached to it.

How progressive is 'Psychology' as a profession? One needs to be in their utmost compassionate, loving, and objective form to treat patients for their emotional and mental problems; one of the most important takeaways for the learners on their NIMHANS visit. The learners visited the brain museum where they learnt about different aspects of brain technicalities & functionalities. The most interesting part of the visit was that the learners could touch and feel real human brains!

The prime objective of the session at the NIMHANS visit was:

- The initial session involved a basic overview of the brain and its ideology. That was followed by a Q&A round.
- The later session focused on different parts of the brain, their look, feel and functionality. The various abnormalities were the key focus during this session was on how the mind and brain are entwined.
- The learners get a hands-on opportunity to learn about equipment and procedures like CT Scans, EEG, EMG, Electrical simulators, and various other psychological tools.
- Learners were able to enhance their technical skills through real-time demonstrations.

A reliable high-yielding day for them!

CREATING CORPORATE PRODIGY: CORPORATE BUSINESS DEBATE PREPARATION

Debate is certainly not a new concept, with a corporate business perspective, their expectations, discussion, and debate become an important angle to look upon. The corporate business debate was held at the Knowledgeum Academy for our IB learners. Well-researched topics, weighing the pros and cons, choosing a favourable or justifiable stand and articulating fact-based arguments is the key to a successful debate session; that's exactly what our learners experienced in this session.

Some of the outcomes from the debate:

- Understanding the prime purpose, motivation and tone of an organisation.
- Analytical and cumulative thinking is encouraged.
- Gauging the need for resources and the environment to run a business.
- Presenting sensible arguments that factor in all factors involved.

Being prepared for the corporate culture, the structure of rules, practices and protocols used to direct and run the company are the keystones for such a session.

THE GIFT OF THE GAB: **SPEECHCRAFT PROGRAMME**

Know your purpose! As a communicator and spokesperson, one should know the clear agenda of their speech in the community. Speechcraft Programme is powered by ToastMasters; a 7-week programme curated to enhance the communication skills of the learners. The programme is quintessential for developing “people skills” along with a variety of interpersonal and professional communication abilities. A team of mentors and presenters walked them through the basic duties of public speaking and leadership that help in relationship building throughout their lives.

Why the Speechcraft programme?

- Helps in building relationships, and develops interpersonal skills.
- A way to learn and grow through the experiences of the Toastmasters mentors.
- Enhances self-esteem, public speaking, confidence and diction.
- Aids in understanding the basic differences between movements, gestures, and facial expressions. This session particularly focuses on the body language of an individual while delivering a public speech.

