

CAMPUS PRINCIPAL'S MESSAGE



THIS WEEK'S TOPICS

A Word From Ms. Tea Ming Ming - Head of MPS

*It's Sensational!
Exploring Our 5 Senses*

*Experiential Learning-
Mathematics And
Science Week*

*Kangaroo & Beaver
Mathematics
Competition*

A Star Is Born In MIS

Boarding House News



"Knowing is not enough; we must apply. Willing is not enough; we must do."

Johann Wolfgang von Goethe

(A German poet, scientist, statesman, theatre director and critic)

The Mathematics and Science Week was held from 1st to 19th March 2021 in MGS to stimulate the interest of students in these two subjects. The activities that were organised provided students with exciting opportunities to carry out their own research and experiments and to present their findings to their peers with great assurance and confidence.

The teaching of science is normally associated with experiments and Science Weeks / Science Fairs. Why do our science teachers ask their students to carry out comparatively time-consuming experiments to verify basic facts whilst the teachers could have easily given the facts to the students? The reason is that science is best learned by an inquiry-discovery approach. By allowing students to construct their own knowledge, learning becomes more challenging and rewarding. As the saying goes, 'I hear and I forget; I see and I remember; I do and I understand.'

In the inquiry-discovery approach, students 'learn by doing'. Discovery learning occurs when the students, who are not provided with the exact answer by the teacher, find their own answer by interacting with the learning material provided by the teacher. In normal lessons, the structured inquiry approach is used where the teacher provides the initial question and an outline of the experimental procedure. After carrying out the experiment, the students analyse and evaluate the data that they have collected and then formulate the explanations for their findings.

In MGS, we believe strongly in the inquiry-discovery approach to motivate our students to learn mathematics and science and for them to excel in these subjects. Hopefully, one day, we will be blessed with world-renowned scientists and Nobel Prize winners who started their illustrious journey to fame in MGS. Nulli Secunda!

A WORD FROM MS. TEA MING MING - HEAD OF MPS



As our students return to school after the MCO, I could not help but feel their joy and excitement at being finally allowed to return to school to be with their friends and classmates.

They had been cooped up for too long without the camaraderie of fellowship and support that the school provides.

For me, the heart of education is the education of the heart. We must train our students to love learning and to want to learn. They must be emotionally happy and ready to learn before they can benefit from the education we want to give them. During the MCO, online lessons helped to equip our students with knowledge and skills but they felt a void in their emotional well-being when they could not be in an environment where they could relate and communicate with their friends and teachers.

Now that they are back in school, we are trying to help build up their confidence and emotional well-being by providing them with lots of activities to motivate them and help them to continue their academic learning journey and to develop further their values and to strengthen their character. In the words of Albert Einstein, "Try not to become a person of success, but rather try to become a man of value."

CAMPUS PRINCIPAL'S MESSAGE TRANSLATED

MGS在2021年3月1日至19日举行了数学与科学周，以激发学生对这两门科目的兴趣。对学生来说，这一周的活动能让他们探索科学奥秘、发现数学乐趣，并有机会进行各项研究和实验，也能以极大的信心向朋友们分享他们的调查结果。

科学这门课的教授往往与实验及科学周/科学博览会息息相关。在能够轻易的给学生们提供解答的前提下，为什么我们的科学教师们宁可要求学生们进行耗时的实验，只为求找出最基本的科学理论？原因很简单，探索发现是学习科学最有效的方法。让学生们建立与累积自己的知识能使学习变得更

具挑战性与意义。常言道，“我听见但我会忘；我看见，我能记得；我亲手做，我刻骨铭心。”

在探索发现学习法中，学生“边学边做”。学生们在教师不提供答案的前提下，仅仅利用所提供的学习材料去探索新知识的过程中，就会产生探索发现学习效应。在一般课堂上，教师会在提供初始疑问与实验程序结构的情况下进行探索发现教学。完成实验后，学生将分析并评估所提取到的数据。最后，学生会解释他们的实验结果。

在金群利环球院校，我们坚信探索发现教学法能有效地激发学生学习数学与科学，并让他们在这些学科上表现得更为出色。希望有一天，我们能够培养出从金群利环球院校开启辉煌旅程的世界著名科学家和诺贝尔奖获得者。我们是最棒的！

Minggu Matematik dan Sains diadakan dari 1 hingga 19 Mac 2021 di MGS untuk merangsang minat pelajar dalam kedua-dua mata pelajaran ini. Kegiatan yang dianjurkan memberi pelajar peluang yang mencabar untuk menjalankan penyelidikan dan eksperimen dan seterusnya menyampaikan penemuan mereka kepada rakan sebaya dengan penuh ketabahan dan keyakinan.

Pengajaran sains kebiasaannya melibatkan eksperimen dan Pameran Sains/Minggu Sains. Mengapa agaknya guru sains meminta pelajar menjalankan eksperimen yang memakan masa untuk mengesahkan sesuatu fakta asas, sedangkan lebih mudah sekiranya guru memberikan sahaja fakta tersebut kepada pelajar? Ini adalah kerana pembelajaran sains lebih efektif apabila dipelajari dengan menggunakan pendekatan inkuiri-penemuan. Dengan membenarkan para pelajar membina pengetahuan mereka sendiri, pembelajaran menjadi lebih mencabar dan bermanfaat. Seperti mutiara kata, 'apa yang didengar akan dilupa, apa yang dilihat akan diingat, apa yang dilakukan akan difahami'.

Dalam pendekatan inkuiri-penemuan, pelajar akan belajar dengan menggunakan ilmu yang dipelajari. Pembelajaran secara penemuan akan berlaku apabila para pelajar berinteraksi dengan bahan pembelajaran yang disediakan oleh guru dan menemui jawapan dengan sendirinya, tanpa diberikan oleh guru. Dalam situasi kelas biasa, pendekatan inkuiri berstruktur digunakan apabila guru memberikan soalan pendahuluan dan prosedur untuk penyiasatan. Setelah kajian dibuat, pelajar akan menganalisis dan menilai data yang telah mereka kumpulkan dan kemudian merumuskan penjelasan bagi dapatan mereka.

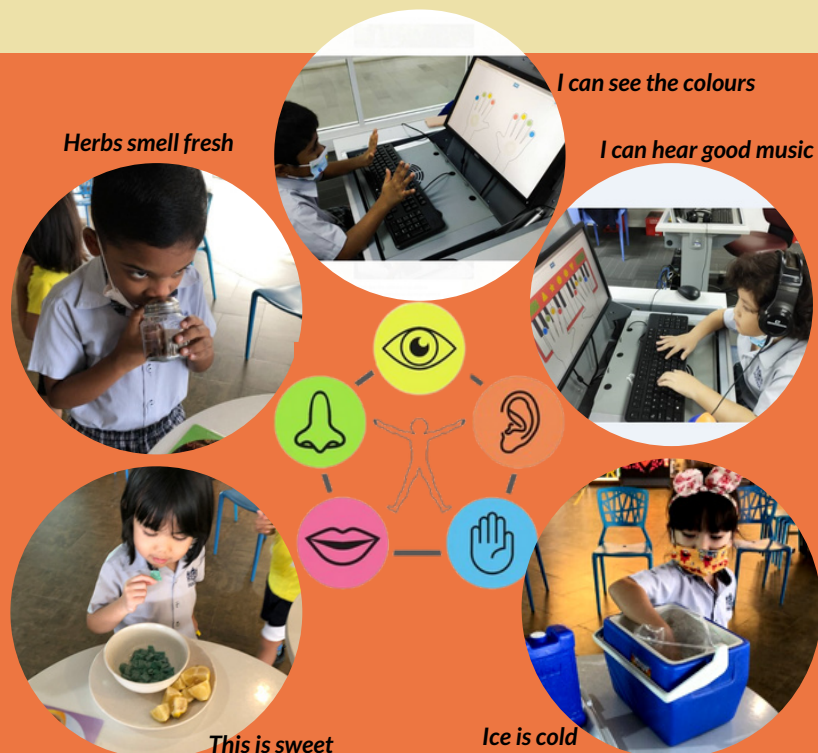
Di MGS, kami mengamalkan pendekatan inkuiri-penemuan ini untuk menggalakkan para pelajar menghayati matematik dan sains; seterusnya mencapai kecemerlangan bagi kedua-dua subjek ini. Semoga suatu hari nanti, kita akan dianugerahkan saintis bertaraf dunia dan pemenang Hadiah Nobel yang memulakan langkah menjadi terkenal di MGS. Nulli Secunda!

IT'S SENSATIONAL! EXPLORING OUR 5 SENSES

After 5 weeks of learning about the five senses, our 6 year olds in Young Adventurers and Young Investigators, had their exit point for their IPC theme 'It's Sensational' on the 19th of February. During this event the children were able to explore their wonderful senses through the activities prepared for them.

Different objects were displayed for their sense of smell, touch, hearing, taste and sight. Following the S.O.Ps, the children were allowed to smell, taste, hear, touch and see the various objects. It was an exciting experience for them besides having lots of fun discovering new things and new sensations!

WATCH NOW



EXPERIENTIAL LEARNING- MATHEMATICS AND SCIENCE WEEK

Experiential learning is effective because it helps establish lasting understanding and behaviour change. How? Rather than simply understanding a new subject or gaining a skill, students develop new habits and behaviours. Our students had a great time learning while doing experiments during the Mathematics and Science Week.

We are unable to bring the children out on learning field trips. Nonetheless, interesting activities were prepared to ensure that our young ones in Early Years keep discovering new things whilst having fun. To support our children's learning, we have always worked collaboratively with the parents and for this week they were also invited to explore and have fun with their little ones!



Balancing on a see-saw



Testing the magnetic field



The pencil and plastic experiment



Experiment on a bouncy egg



Building an animal with lego blocks



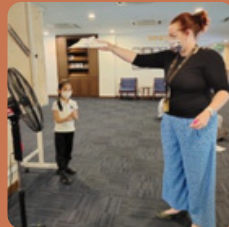
3D Challenge

For our first week back in school, our Year 1 to 10 students were able to participate in a range of exciting activities during the Mathematics and Science Week. This week the focus on mathematics and science was to generate excitement, interest and an understanding of the importance of these subjects in our everyday lives.


As part of the fun celebrations of the week, the students in MIS participated in engaging activities like solving mathematical problems and puzzles, making and investigating 3D shapes, creating mathematical comic strips, dressing up as famous scientists and participating in our first MIS Science Fair involving primary and secondary students.

WATCH NOW


Miss Leigh helping Priscilla, Year 2, test the kite she has made.




Kai Zhen, Year 3, explored how different liquids can stain egg shells. This was to reinforce the importance of mouth hygiene and brushing our teeth twice a day.



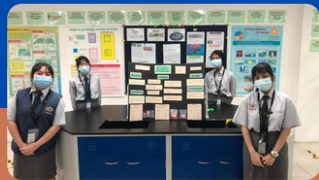
Jaslene, Jewel and Chloe, Year 4, analysed how well disinfectants work to clean bacteria off surfaces.



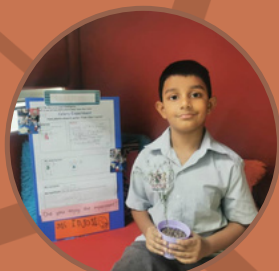
Keshvendras, Year 5, created his own work using symmetrical shapes.




Pei Yi, Jia Xin, Nicole and Ashvinii, Year 10, studied how the surface area of antacids affects the reaction rate.



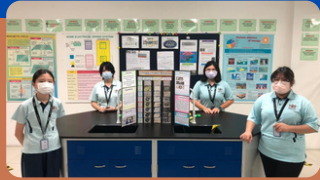
Nikkhael, Year 1, investigated how water is transported through a plant.




Thaddeus, Year 6, made 2D shapes on a geoboard he made.




Yu Le, Jar Qing, Shannon and Shaia Min, Year 9, experimented on the effect of the amount of lighting on the growth of mould on bread.



Esther, Juhoon, Clement and Sheryl, Year 8, studied if the amount of water affects the size of a rainbow.



Nilesh, Nishika, Weng Foong and Vissnupriya, Year 7, were investigating if air has mass.



KANGAROO & BEAVER MATHEMATICS COMPETITION

As part of our core values of 'Everyone Learning' and 'Everyone Maximising Potential', our students in MIS are encouraged to participate in worldwide competitions to further develop their skills and understanding.

In August 2020, 30 students participated in the Kangaroo Mathematics competition, the world's largest mathematics competition. The purpose of this competition is to increase the understanding and skills of children in solving mathematical problems. In September 2020, 12 students took part in the Beaver Computational Thinking competition. It is an online competition that introduces computer science concepts and logical problem solving to students.

We are pleased to announce that the following students received recognition for their performance in the competitions:

Kangaroo Mathematics Competition

Honorable Mention

Shuy Zhi Heng (Y11)
 Lim Zen Hung (Y7)
 Nilesch Shan Nair (Y7)
 Leow Yi Cheng (Y7)
 Ten Rui Yu (Y7)
 Lim Shu Yu (Y6)
 Anbu Sethunathan (Y6)
 Keshvendreas a/l Gopinath (Y5)

Beaver Computational Thinking

Bronze

Hareenath a/l Kumaralingam (Y5)
 Vaibhaav Govindasamy (Y5)

Honorable Mention

Leow Yi Cheng (Y7)
 Pravin Ravi (Y7)



A STAR IS BORN IN MIS

As educators, we aim to provide the best quality education that nurtures the eager young minds of today into well-rounded achievers who will positively impact the world of tomorrow. Meet Issac Lim who excels not only in his studies but also in his other interests. We congratulate him on his well-rounded achievements.

"Being the first batch of students in Matrix International schools, I am very grateful for all the lessons I've learned throughout my primary years in MIS. (Matrix International Schools) When I started in Year 1, I was nothing like I am now. The school shaped me into the way I am now. Along the way, I learned new skills like singing and acting that I make good use of today. The teachers gave me the courage and the spirit to show my talent and always to strive forward in many ways. I am also very grateful that they took the time and effort to teach me until I achieved the biggest success I have ever had, being a top scorer in my Year 6 Checkpoint Examination! Now I'm all ready for my secondary school life. Thanks to my family, friends and teachers who have always been there for me. I will continue to make an effort to excel in my academics and in the performing arts. I believe that the school and teachers will keep supporting me to face all the challenges ahead.

Outside of school, I have been actively involved in the acting and singing industry for quite some time. I have acted in several dramas for Astro TV, 8TV, Singapore Mediacorp TV and several commercials such as Milo, Tunetalk, Jinnyboy TV, MBSB bank, Herbalife and many more.

My latest achievement was being crowned as the winner in a Kids Reality Show [The Z Power Season 2] organised by the 8TV channel. The show is about kids learning new skills and doing a lot of challenges such as cooking, farming, camping, surviving in caves etc... The winner was selected after 10 episodes and 6 months of shooting. It was a long journey to become the champion."

Issac Lim Zen Hung, Year 7M



Winning 'The Z Power Season 2' was very challenging



Issac singing his heart out

BOARDING HOUSE NEWS

LEARNING CONTINUES AT THE BOARDING HOUSE

For our boarders, learning does not stop in the class, but it continues at the Boarding House. Students do not just have to manage their own affairs, they also learn how to live and deal with other people. They are challenged to develop their interpersonal skills because there is no way you can be alone at the boarding house.

COOKING ACTIVITY



On the weekend of the 20th of February 2021, our Boarding House organised a cooking activity for the boarders from 2pm to 4pm. They had an enjoyable experience making a special chicken burger for their tea time. With fun, they flexed their newfound skills wrapping the patty with an egg. Boarding House Parents were present to ensure their safety and to see that the food was prepared in a hygienic manner.

Enjoying each other's company trying new skills

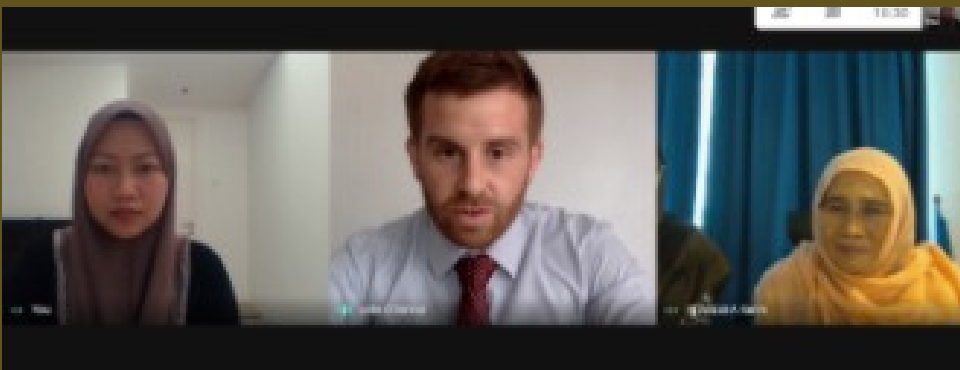
DECORATING THE PLANTING AREA



On 27th February 2021 the Boarding House parent led the boarders to paint the planting area. From this painting activity, the boarders learned the technique of painting as well as how to distribute the workload to help each other. After the activity the boarders realised that good teamwork and communication can speed up the task. 'More hands make light work' as a saying goes.

Boarders happily painting the planting area

PTC FOR MIS BOARDERS



Virtual PTC for Year 11 students was held on 24/2/2021 from 4.00p.m - 5.30p.m. It was a fruitful event as we had good discussions between the House Parents, teachers and parents on the students' progress in the mock examination as well as their general well being.

Ms. Imah, our House Parent discussing the academic result with Mr. John, our teacher and the parents.