

**THIS WEEK'S TOPICS****MESSAGE FROM
HEAD OF MIS****FAREWELL
UNCLE CHAN !****HOW TO LOOK AFTER
OUR BRAIN****ENRICHING EXPOSURE
FOR OUR FORM 5
STUDENTS****STANDARD 3
SPACE TRAVEL****CAMPUS PRINCIPAL'S MESSAGE**

Students and parents coming into the school must be wondering why there is a large pile of material stacked at the car park area, along the road from MIS1 to MPS. Those are actually solar panels that we are installing on the MPS roof to slightly reduce our dependence on the TNB electrical supply which costs the school more than one hundred thousand ringgit per month.

Besides the slight reduction in our operational cost, more importantly, the solar panels help trap clean, renewable power from the sun. This benefits the environment by reducing our carbon footprints and our dependence on the burning of fossil fuels that produce gases which contribute to global warming.

According to the World Health Organization, around the world, 24% of deaths can be traced back to avoidable environmental factors. People need clean air to breathe, fresh water to drink, and places to live that are free of toxic substances and hazards.

As our country develops we have adopted a more comfortable life-style that invariably depends on gadgets driven by our mainly fossil-fuel generated electricity which causes harm to our global ecosystem and the degradation of our natural resources.

Many of our decisions that impact the environment are not felt immediately, and a key element of environmental sustainability is its forward-looking nature. We have to act to reverse these effects and prevent further damage, ensuring we have healthy places to live for generations to come. We are constantly reminded of a wise Native American proverb, "We do not inherit the earth from our ancestors, we borrow it from our children." Hence, the importance of educating our next generation on how to preserve and conserve our environment for the future is imperative.

In MGS we have walked the talk on saving the environment by discouraging students and staff from using the lifts and now with the solar panels, we are taking another small step towards implementing environmentally sustainable practices as a role model to educate our students.

**MESSAGE FROM HEAD OF MIS****Mr. Andrew Hamilton**

We can find books anywhere - in libraries, bookshops, classrooms, throughout our homes, on digital devices. It has never been easier for us to access so much information at the touch of a button or by browsing through hard copies of books. However, while our access to information has increased, the desire to read, particularly for boys, continues to remain a concern.

There are many benefits to reading. Research has shown that it develops our imagination, expands our vocabulary, relieves stress and tension, strengthens our writing skills, broadens our minds and increases our knowledge of the world around us. It is no wonder why it has long been suggested that we all take some time to read daily.

Some of the ways that we develop reading skills in our students in Matrix are guided reading sessions for our students, having class novels, providing access to physical and electronic books for different reading ages, setting Library times, assigning pre-learning activities and celebrating events like Book Week. The importance of these activities is to instill a love of reading in our students and to give them many opportunities to develop their reading skills.

For students to really grow in their reading skills, it is important that students also take time to read daily at home. Research by the Ohio State University in 2019 found that young children whose parents read them five books a day enter kindergarten having heard about 1.4 million more words than kids who were never read to. This will definitely impact their ability to learn as the thinking process needs prior knowledge. With better vocabulary they will learn faster.

You may ask the question: How can I support my child's reading at home? Some ways that parents can encourage the reading skills in their child are:

- Build reading into your child's daily routine.
- Allowing them to have access to appropriate reading materials (hard copies and electronic).
- Talking to them about what they read.
- Taking time to model how to read.
- Playing word games to expand their vocabulary.

As Plato is believed to have once said, "Books give a soul to the universe, wings to the mind, flight to the imagination and life to everything." We hope that all of our students develop a similar mindset to reading during their time with us in Matrix.

CAMPUS PRINCIPAL'S MESSAGE TRANSLATED

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近日返校学生和家一定都很好奇置放在国际部教学楼与私立部教学楼停车场中的“大箱子”是什么东西？这一个个的“大箱子”是校方购置并计划安装在私立部教学楼屋顶上的太阳能电池板。这个计划可以协助降低学校每月超额一万令吉的电费及减少对国际能源公司（Tenaga Nasional Berhad, TNB）供应电源的依赖。

此项计划，除了减少电费支出，更重要的是，太阳能电池板可把阳光转化成电能，让大家减少了使用碳，进而减低对燃烧化石燃料的使用（化石燃料会产生导致全球变暖的气体），提升对环境的保护。

根据世界卫生组织记录，全世界24%的死亡率因素是因环境污染因素导致死亡。人们需要呼吸新鲜的空气，需要饮用干净的水源，需要一个无毒物质的居住场所。随着我国的发展，我国

Apabila memasuki pekarangan sekolah, para pelajar dan ibu bapa pasti tertanya-tanya mengapa terdapat longgokan bahan yang besar di kawasan tempat letak kereta di sepanjang jalan dari bangunan MIS1 ke MPS. Bahan tersebut merupakan panel solar yang akan dipasang pada bumbung MPS bagi mengurangkan kebergantungan sekolah kepada bekalan elektrik TNB yang menelan belanja lebih seratus ribu ringgit setiap bulan.

Apa yang lebih penting adalah manfaatnya kepada alam sekitar, apabila panel solar yang dipasang menangkap tenaga bersih dan boleh diperbaharui daripada matahari. Ini akan mengurangkan kebergantungan kami pada pembakaran bahan api fosil yang akan menghasilkan gas penyebab pemanasan global.

Menurut Pertubuhan Kesihatan Sedunia, sekitar 24% kes kematian dunia diakibatkan oleh faktor alam sekitar yang boleh dielakkan. Manusia memerlukan udara yang segar, air yang bersih dan tempat tinggal yang tidak dicemari sisa toksik dan berbahaya. Gaya hidup selesa yang dikecapi seiring dengan pembangunan negara menyebabkan kita banyak bergantung kepada peralatan elektrik, yang

人民拥有了更加舒适的生活方式，但这种生活方式总是依赖于以化石燃料为主的电源，这不仅对全球生态系统造成损害，还会毁坏自然资源。

其实我们在不知不觉中做了许多影响环境的决定，只是这些决定所带来的影响不是即刻见效。故要打造一个可持续性发展的环境，其中一个关键因素就是具有前瞻性。我们必须采取行动防止进一步的破坏，确保我们的下一代拥有健康、安全的地方居住。我们经常想起一句明智的美洲土著谚语：“我们不是从祖先承继这个地球，而是从我们的孩子先借用这个地球。”因此，教育我们的下一代如何保护地球和环境至关重要。

在过去，本学院曾举办过有关环境主题的讲座。为了响应此项活动，我校鼓励全体教职员师生减少使用电梯，多使用楼梯。接下来，即将安装太阳能电池板计划，也是本学院持续坚持为环境保护再迈出一小步实际行动，也是作为教育学生的榜样。

memerlukan sumber tenaga yang dijana oleh bahan api fosil yang menjejaskan ekosistem global dan mengakibatkan kemerosotan sumber asli kita.

Kelestarian alam sekitar adalah usaha jangka panjang, dan impak daripada pertimbangan kita yang memberi kesan kepada alam sekitar tidak dirasai serta-merta. Kita perlu berusaha untuk mengurangkan impak ini dan mencegah lebih banyak kerosakan kepada alam sekitar bagi memastikan kita mempunyai tempat tinggal yang sihat untuk generasi mendatang. Seperti peribahasa Orang Asli Amerika, "Kita tidak mewarisi bumi daripada nenek moyang kita, kita meminjamnya daripada anak-anak kita." Oleh itu, adalah penting untuk kita mendidik generasi akan datang tentang cara memelihara dan memulihara alam sekitar untuk masa hadapan.

Di MGS, kami mempraktikkan pendirian bagi menyelamatkan alam sekitar dengan tidak menggalakkan pelajar dan kakitangan daripada menggunakan lif, dan kini dengan pemasangan panel solar. Sebagai sebuah institusi pendidikan, kami mengambil langkah demi langkah ke arah melestarikan alam sekitar agar menjadi contoh kepada anak didik kami.

FAREWELL UNCLE CHAN !

It is with great sadness that we bid farewell to one of our longest serving members of staff, Mr. Chan Yoong Heong, fondly known as Uncle Chan. He was our school's Senior Facilities Officer, a very hardworking man who took great pride in his work.

Matrix Global Schools was a second home to him, a place where he was most happy working alongside his friends and colleagues. With his kind and caring personality, Uncle Chan will certainly be missed by all in school. May your soul rest in peace, Uncle Chan!



How To Look After Our Brain

Over the month of September, our students in MIS Primary have been learning about 'The Art of Learning' in their IPC unit - 'BRAINWAVE'.

Our brain is special because we can use it to learn lots of new and different things every day. This enables us to gain the knowledge, skills and understanding that we need to become successful adults.

Throughout this unit, children learned about how different people learn, the importance of practice when learning a skill and how the brain works. They also learned about making connections between their learning, how a positive mindset is important for learning and how to look after our brain.

While learning about 'How to look after our brain', children

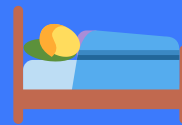
brainstormed about the things/tips they think a brain needs to stay healthy and alert. They have identified the ways of taking care of our brains such as a healthy diet, exercise, drink water and sleep. As part of taking care of our brain, every morning children have developed a 3-minute exercise routine to wake up the brain during early morning learning sessions.

Children were asked to teach others about why a healthy diet, drink water, exercise and sleep are important for learning. Children came up with very interesting and informative posters and videos to teach the community about taking care of our brains.

It is great to see how Year 4 children can use their knowledge and skills to develop their understanding of what they have learned to look after the brain.



If you want to take care of your brain, you need to drink a lot of water.



A healthy diet is what brain need to stay healthy.

Cheok Zi Feng,
Year 4



Kim Jaen,
Year 4



Joshua Wong,
Year 4



Wan Nur Iman Mishca,
Year 4



"Do you know that your brain looks like a cauliflower?"
Sameera Thevy
Manidharan, Year 4

Exercise like star jump, stretching and jogging are good ways to keep our brain active.



Go outside and get some fresh air!



