

保良局唐乃勤初中書院

Po Leung Kuk Tong Nai Kan Junior Secondary Collage

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STEM CURRICULUM DEVELOPMENT - WIRELESS COMMUNICATION

Communication has changed, with wireless communication and satellite technology at the forefront of this evolution. The advancement in technology has not only enhanced connectivity, but also revolutionized various sectors, including telecommunications, transportation and emergency services. In order to cope with the coming challenges in the 21st century, our school is committed to providing students with a robust STEM education, particularly in the realm of wireless technology and its role in shaping future smart cities.

6G networks promise unprecedented connectivity and capabilities that will transform how we interact with the world around us. By integrating the principles of wireless technology and communication into our curriculum, we aim to equip our students with the knowledge and skills necessary to thrive in this dynamic field.

Regarding the wireless communication, our STEM Curriculum will encompass a range of topics, including the fundamentals of wireless transmission, satellite technology, and the intricacies of network design.

Through hands-on projects, simulations, and real-world applications, students will gain insights into the complexities of communication systems and their impact on urban development and connectivity in smart cities.

This STEM curriculum will foster critical thinking, problem-solving, and teamwork—skills essential for success in any technological endeavor. By encouraging interdisciplinary learning, we hope to inspire our students to explore innovative solutions in wireless communication and contribute to the development of sustainable urban environments.

We hope that we will empower our students to become leaders in the field of wireless technology, ready to make meaningful contributions to our society.



requirements and curriculum of our school.

The Open Day included a campus tour, admission talk & chat with Principals, For the campus tour, teachers and student helpers introduced different facilities to visitors, including the Smart Home Lab, Aero Lab, Tony Tong Biology Technology Lab, the English Corner, Living Technology Lab and Fabrication Lab. Students also took pride in showcasing their achievements across disciplines. Apart from the campus tour, there was an engaging admission talk explaining our admission requirements and emphasizing our commitment to holistic education. Near the end of the admission talk, the school invited visitors to speak with Principals.

The Open Day showcased not only our academic excellence, but also strengthened the school's sense of community.



Our student Masters of Ceremony introduce our principals to parents.



explains the admission requirements of our school to visitors.



Assistant Principal Ms. Leung Pui Fan Principal Wong explains our Educational Philosophy.



Our students have a music performance in the corridor.



A student shows how to extract orange juice with a syringe in the Living Technology



Students demonstrate the use of coding to activate a robotic model in the Smart Home Lab.



Our student introduces the Tony Tong Biology Technology Lab to visitors.



Associate Principal Mr. Yeung Wing Shing introduces the Fabrication Lab to visitors.



On 4th and 7th October 2024, our college collaborated with Po Leung Kuk Vicwood K.T. Chong Sixth Form College to host an exhilarating Sports Day. It brought students, parents and

The event featured track and field events, relay races, and team sports, providing an environment where students could showcase their talents and teamwork. The collaboration not only highlighted physical fitness and healthy competition, but also strengthened the bonds between both colleges, paving the way for future joint endeavors.

Our school also invited the following primary schools to participate in the 4x100m Invitation Relay:

- -Father Cucchiara Memorial School
- -Po Leung Kuk Choi Kai Yau School
- -Choi Wan Saint Joseph's Primary School
- -Munsang College Primary School
- -Po Leung Kuk Luk Hing Too Primary School

The feedback was positive. Students from other primary schools enjoyed taking part in the competition.

Our Sports Day provided students with lasting memories and a sense of achievement. The school will continue to nurture students with love and care.



Members of the Pegasus Cheering Team give a big cheer to the athletes.



Students prepare for the long jump.



Members from the House Leopard Cheering Team compete in the Inter-house Cheering Team Competition on the Sports Ground.



Students, teachers and parents after the 4x100m relay



Members of the House Karbada **Cheering Team**



Students from different primary schools are invited to take part in the 4x100m relay.



Student helpers and our teacher take a photo.

LIFE-WIDE LEARNING DAYS

In order to enrich students' learning experience in real contexts and consolidate what they have learnt in different subjects, the Life-wide Learning Days were held from 21st to 23rd November, 2024. All these events helped students achieve the aim of developing the lifelong learning capabilities that are needed in the 21st century.



A Visit to Guilin and Yangshue: A Journey of Cultural and Ecological Discovery

During the trip, students embarked on a journey to China, exploring the enchanting landscapes of Guilin and Yangshuo. The aims of the visit were to deepen their appreciation for the preservation of cultural heritage, comprehend the rapid development of China, and recognize the critical need for ecological preservation.

This exchange programme offered students experiential learning opportunities to understand the geological characteristics of Guilin and Yangshuo by visiting several locations, including Seven Star Cave, China Karst Geological Museum, Silver Cave, Shiwai Taoyuan, Yangshuo West Street, Elephant Trunk Hill and Lijiang River. The exploration enriched their life experiences, the understanding of China and fostered reflection on the necessity of conserving nature and cultural heritage.

This programme provides students with the chance to immerse themselves in Chinese culture, strengthening their connection to the nation, underscoring the need for ecological preservation.



Students take a photo while examining the geophraphical features in the Seven Star Cave.



Students listen to the speaker and learn about the importance of preserving cultural heritage.



Students visit West Street, a historical road with a history of 1,400 years.



Students study the landscape of Guilin on a 3D model map.



Students and our teacher take a group photo in Shiwai Taoyuan before the sunset.



Students and our teacher take a photo at the Sun and Moon Pagodas.

Hong Kong Palace Museum

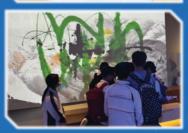
On 21st November 2024, Form 1 students paid a visit to the Hong Kong Palace Museum with the aim of understanding more about long history and heritage of our motherland.



Students learn interesting facts about the traditional Chinese opera.



Students learn the rules of writing the Chinese calligraphy.



Students appreciate a Chinese ink painting work on display.

OTHER LEARNING ACTIVITIES

Hong Kong Heritage Museum

Hong Kong Museum

of Arts

English Drama Activity



Students take a group photo at the Heritage Museum.



Students appreciate an artwork.



A drama tutor explains the essence of drama.



Students write down their thoughts about the best moments in their life.



A student tries to write down what they learnt.



Students try out various roles in acting.

A Sport Seminar at the Education University of Hong Kong (The EDUHK)



Leung Kwan Yi, a record holder of the Hong Kong Sprint and a student of the EDUHK, shares the story of her success and learning habits.



Students take a photo at the plaza of the EDUHK.

SCHOOL PICNIC

Our college organised a school picnic on 15th Nov 2024. Students went to Sai Kung Outdoor Recreational Centre and Po Leung Kuk Tai Tong Holiday Camp respectively. They engaged in various activities that fostered teamwork, respect, and love among peers.



Students build a positive relationship by engaging themselves in different activities.

STUDENT ACHIEVEMENTS

2024 MakeX Robotics Competition (Hong Kong) (Final competition) STARTER level - Champion



2A KWAN HOU YAN 2D LAM WAI PUI 3F CHOW YIK HEI 2A CHAN HO LONG

2024 "Sports" Baille Ace Robot Competition 1st Runner-up



1A TSOI MING HEI 1F WONG KIN TO 2B CHAU PAK LOK 2D AM WAI PUI

Perves Interestical Cooking Competition Certificate of Meetis



2B FANG YINGWEN 1B LEE TSZ YAU VIENNA 1C LEE TSZ YIN VENICE

The Immo4Life Expo 2024



Our school has displayed our achievements and development in STEAM Education in the Inno4Life Expo 2024.

Hong Kong Mothemotics & Moth Olympical Open 2024 Bronza Award



3A ZHENG HING NI 3B CHING WAI HONG 3B LEE SHUN HONG The 15th Lu Xun Youth Literature Award



ZHENG HING NI of Class 3A received a Merit Award in the 15th Lu Xun Youth Literature Award.

Kang Dong Cup Drone Soccer Competition 2nd Runner-up



1A TSOI MING HEI 1A WAN HO TIK 1F LO KAI KIT

2024 MakeX Robotics Competition (Hong Kong)
Final competition Overall 1st Runner-up School



2A KWAN HOU YAN

2D LAM WAI PUI

3F CHOW YIK HEI

2A CHAN HO LONG

2C TAM TZE YAN

2B TANG SUET YIN SYLVIA

2F MA KA HEI

1D FONG YAT LONG LUCAS

4L TANG PO SHING (SENIOR FORM)

1B CHEUNG CHUN HEI

3A CHENG HO MAN 3D CHU PAK HIN

The Kuk's Spirit

Michael Respect
United Effort
Betweenerse
Charlishin

Gratefulness and Recognition

Decication to Serving the Community

Vision

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