



保良局唐乃勤初中書院

Po Leung Kuk Tong Nai Kan Junior Secondary College

Address: 11, Mei Lai Road, Shamshuipo, Kowloon

Website: <https://www.plktnkjsc.edu.hk>

Tel: 21945707 Fax: 21945718

Second Semester Newsletter

2021-2022

Principal's Message

Smart Home Smart City

The rapid growth of urbanization in most countries results in an increasing demand for a sustainable urban development that can reduce environmental impacts and offers citizens a better quality of life. In view of that, a smart city can bring together technology, government and society to enable an integration of smart economy, smart mobility, smart environment, smart people, smart living and smart governance. As the fifth generation (5G) wireless network technology is becoming more mature, together with the emerging Internet of Things (IoT) Technology, the synchronization of building a smart city has become a reality. As the Smart City Blueprint of Hong Kong has been initiated in the six smart areas, namely "Smart Mobility", "Smart Living", "Smart Environment", "Smart People", "Smart Government" and "Smart Economy", our school would like to be the pioneer to introduce a "Smart Platform" in our school. This learning platform will allow students to partake in a state-of-the-art technology that can change our lives.

The school has already started different STEM development projects for over a decade. Smart Home Smart City is one of our STEM pillars in the school curriculum. After the launch of our Bio-Tech Lab, our new Smart Home Lab is another advanced research venue that can provide a place for our students to make their own STEM design. We hope that, under the school's dedication to STEM education development and our enhanced research techniques, the school can provide a nurturing ground for our youngsters to becoming an innovative maker in the future.



A Christmas Performance at Ocean Park

Ms. Yuen Ho-kwan



Cheer up! Students were ready for the show.

This Christmas, our members of the School Orchestra and Art Club got a chance to perform at Ocean Park, where students could perform beside the amazing festive decorations throughout the Park.

Students had a fantastic performance there. While the Orchestra members were playing Christmas songs with different musical instruments, the members of the Art Club were making an amazing Christmas paper artwork. Both the students and the visitors enjoyed the festive performance very much.

Under the pandemic, students are lack of chances to perform in the public. They were nervous when they were told about the performance. However, they were very positive. They started the practice immediately. Through the preparation and practice, students have learnt the importance of teamwork and developed sense of responsibility. In fact, the performance was very successful and it helped students to build up their confidence and create a sense of achievement. They hope that they can have such a performance again.



Art club and music team members were standing by happily.



The performance was so smooth and the audience enjoyed the performance a lot.



Students were all ready for the show.



Students had an enjoyable time at Ocean Park after the show. So much fun!

126th Kowloon Group, Hong Kong Scout Association

Mr. Chow Man-chung



Camp Fire was one of the highlights in our campcraft training.

Sharing from members

2A LO Lok Yan Nicole

I joined the Scout team because I thought Scouting only involves climbing and camping. After I joined the Scout, I found that I have learnt a lot of different knowledge and skills. I have broadened my social circle and met new friends. When our team have difficulties, we will face and solve them together. Being a scout has strengthened my sense of responsibility and leadership. I think Scouting is interesting and we can learn a lot through the activities.

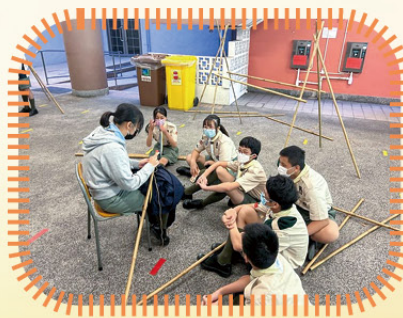
2A SHEK Wing Hon

I am delighted to join the scout activities because I have learnt a lot of survival skills. In the camp, everyone got to know each other better and we learnt how to get along with people. We played games and completed missions together. We taught and led the teammates how to survive in the wild. In short, we have learnt so many things from the two-day camp and had a lot of memorable experiences. I hope to join the camp again.

“126th Kowloon Group Scout Troop” is one of the school service teams which was established in 1998. It belongs to Scout Association of Hong Kong. The Scout team provides some challenging activities and progressive training programmes that can enhance the team’s physical, intellectual, social, spiritual, and aesthetic development. At the same time, the team use the Scout method so that each member can develop into a self-reliant, supportive, responsible and committed person.



Members listened attentively to the rules of the badge exam.



Members learnt how to use bamboos to make a table for the stove.



Members practised how to perform cardiopulmonary resuscitation (CPR).



Apart from school training, we participated in community volunteer work.



One of our members, TSE Pak Yue was awarded the “Scout of the Year 2020”.

STEM training workshops for teachers on Staff Development Day



Associate Principal, Mr. Yeung Wing Shing



Teachers practised using the apparatus before the DNA food test.

STEM Education has been the trend in local education in recent years. It is now certainly something very familiar to every student in the territory. At Tong Nai Kan Junior Secondary College, things are taken a step further by providing all teachers a taste in STEM workshops, which are aimed to be equipped for the whole-school STEM development approach.

During the latest Staff Development Day, teachers at TNK were engaged in two interesting STEM workshops. The workshops were designed to allow teachers, regardless of the subject they teach, have a taste of what the school is offering to the students in STEM lessons.

The school hopes to inspire teachers to think about how they can be involved in STEM Education with their expertise.

In the Biotech workshop, teachers had a try on a DNA food test experiment. After learning some knowledge on DNA and the basic technique of using the autopipette for sampling, teachers tested 2 brands of meatballs and veggie meatballs to verify the content ingredients of the food. Teachers totally enjoyed the investigation processed and they were also pleased to find out that the meatballs did not contain meat alternatives and the veggie meatballs were indeed meat-free.

In the Design and Technology Laboratory, teachers got to have hands-on experience on coding and the Internet-of-Things. Teachers were first introduced to various IoT-related items used in the Lab. Then, they had a chance to write up the codes themselves to control the different environment sensors available. Through the workshops, teachers got a better understanding of the development of STEM Education in the College, as well as what students learn in the STEM lessons.

At the end of workshops, teachers were gathered in group for debriefing and discussed ways to help students in the process of their projects. STEM Education at Tong Nai Kan has been developing around the three pillars of Biotechnology, AI & Robotic Control and Smart Home & Smart City. All Form 2 and Form 3 students are required to work on a STEM-based project and a mini-research thesis respectively with the guidance of teacher advisors. While STEM-related areas are gaining importance in the society, it is important for all teachers to become well-equipped to face the changes and challenges. The school will continue to develop the STEM Education under a whole-school approach so as to better prepare our students for the future world.



Teachers reflected on how the workshops could facilitate their advice on students' projects.



Teachers were carefully preparing the samples of the experiments.



Teachers were looking at a demonstration on simple AI programs which students did in their lessons.



Teachers got a hands-on experience on programming the Arduino sensors.



School social work service

Social workers, Mr. Kwan Kai Cheung and Ms. Ho Wai Ching

The social work service at school aims to identify and help students with academic, social, emotional and developmental issues.

We hope to help students reach their fullest potential, achieve healthy personal growth and build harmonious relationships with others. We aim to raise students' social awareness and strengthen the linkage to the community.

In this academic year, our objectives are to enhance students' mental health, resilience, and social skills. The school social work service not only provides individual counselling, consultation, and referral services, but also launches a variety of activities to our students.

We hope all of you have enjoyed our activities this year and look forward to seeing more new members next year!



Students were playing the board game to enhance their social skills at the "Board Game Group".



Students played the Table Role Play Game (TPRG) of Table for Choices (TFC) to reflect on the harmonious coexistence between man and nature.



Students made the garland at the "Stress Management Workshop".



Students participated in the card game to acknowledge knowledge about emotions at the "Positive Psychology Workshop".



A student showed her creation in front of the Six Tips for Love Relationship board, and students were playing mini games at the "Love Education Booth".



Many students participated in the "Positive Mind Positive Emotion Booth" and made their "Stress-free" key chain.



Students expressed their feelings and thoughts by arts work creation at "Expressive Art Group" and showcased their masterpieces.



Students could enhance their communication skills by attending the "Family Communication Talk".

Student Achievements

Sham Shui Po Robotic Competition



Five of our students from Robotics Team won the Champion of Garbage Clean-up Race and the 2nd runner-up of Obstacle Avoidance Race in the Sham Shui Po Robotic Competition.

They are: 2F MAI Kin Chung, 3A CHEUNG Chin Ho, 3A IP Kai Tung, 3C TSE Yuk Tin, 3C WONG Hing Gut

2022 Hong Kong Academic Recitation Open Competition and the 16th BNCL Certificate Recitation Competition



3D LI Chi King Tony won the champion in both 2022 Hong Kong Academic Recitation Open Competition (PTH Solo Recitation) and the 16th BNCL Certificate Recitation Competition.

Hong Kong Flight Simulation Invitational



2A LO Lok Yan Nicole of the Scout Service Team was awarded the Championship of Hong Kong Flight Simulation Invitational.

International 4D Frame Maths & Science Creativity Competition 2021



The following students won a Special Prize in the International 4D Frame Maths & Science Creativity Competition 2021.

They are: 2A SHEK Wing Hon, 2A LAU Siu Hei



The Kuk's Spirit

- Mutual Respect
- United Effort
- Benevolence
- Charitable
- Gratefulness and Recognition
- Dedication to Serving the Community



Vision

- Children are nurtured, Youngsters are educated
- Adults are supported to contribute
- Elderly are cared for
- The less fortunate are lightened with hope.

Mission

- To be the most prominent and committed charitable organisation.
- In the Kuk's Spirit to do good deeds with benevolence.
- Dedicated in protecting the young and the innocent, caring for the elderly and the underprivileged, aiding the poor and healing the sick, educating the young and nurturing their morality, providing recreation to the public, caring for the environment, passing on the cultural inheritance and bringing goodness to the community

Values

- Fine traditions, Accommodate the current needs
- People-oriented, Care and appreciation
- Sound governance, Pragmatism and innovative
- Integrity, Vigilance
- Optimal use of resources, Cost-effectiveness
- Professional team, Service with heart

