



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

2020-2021



Principal's Message

COVID-19 outbreaks have led to a frequent suspension of face-to-face classes. As the pandemic is unstable over the year, teachers and students need to adopt a new mode of education through digital platforms. Inevitably, using only the digital way of learning and teaching is lacking face to face interaction and collaboration among students. But, this new mode of education can facilitate the teaching pedagogy by reducing the boundaries between formal and informal learning in the coming future.

In order to enhance diverse pedagogy and raise the effectiveness of learning and teaching, our school has started a holistic e-learning programme this year. This arrangement can effectively cultivate a student-centered learning environment to engage students in self-regulated learning. In addition, the e-learning programme can help students extend their learning spectrum outside the classroom so as to consolidate the subject content students have learnt in the lessons.

I am confident that our e-learning programme is a sustainable pathway that instils students with confidence, equips them to pursue their learning and promotes learning mobility.



Implementation of BYOD to facilitate students' self-regulated learning

After years of planning on the implementation of "Bring Your Own Device" (BYOD), the school's WiFi infrastructure in all the classrooms, and the related supports on the implementation of BYOD has been completed. Teachers have already been equipped with skills on the use of different online e-learning tools and resources, while the pedagogy has been refined to make teaching and learning more effective with this new tool.

In TNK, we have always been focusing on the development on STEM, the school has made good use of one of the latest technology Augmented Reality (AR), the AR learning kits are developed and designed to facilitate the learning and teaching of the biotechnology lessons. Through the AR learning kits, 3D demonstration models on the use of the apparatus and the experiments processes will be displayed interactively. Students can prepare the lessons before coming back to school and they can learn at their own pace during lessons. With their own device, students can study the subject contents many times so as to familiarize themselves with the related skills and further analyse the experiment results through peer discussions.

Apart from STEM subjects, students can also use the device to learn digital art, the students can make use of different Apps to create their animation, use photos editing Apps to unleash their creativity. Making artwork will not only be restricted to a two dimensional context, but also can display in many different forms.

Gamification is another way to help students engage in the lessons, all teachers used Apps like Kahoot! to create lesson quizzes to consolidate what students have learnt in lessons. In short, students enjoy learning through Kahoot.



Students are practising how to do the Gel Electrophoresis after flipping the AR simulation of the experiments.



Students are using 'iMovie' to edit a short movie for their artworks.



Students are practising how to use Compound Microscope with AR simulation of the equipment to view items that are too small to see.

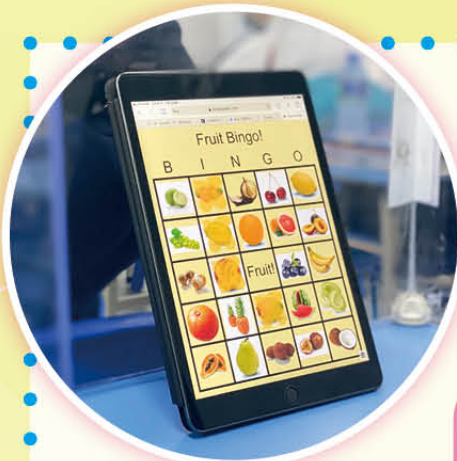


Students are using the Apps called 'gMath' to learn Mathematics in an interactive way. Students can also develop a deeper understanding of the subject through this App.



Students are learning how to use the Auto Pipette step by step with the AR apps according to their own pace.

Joyful Fruit Week



This student was so close to win bingo! Can you name all the fruit on the bingo card?



The Joyful Fruit Week with activities such as “Fruit Bingo!”, “Fruit & Health Quiz Contest”, “Fruit Kahoot! Competition” and “Fruit & Health Slogan Competition” were organized on the first week of May 2021. The purpose of the activities is to encourage students to eat more fruit in order to strengthen their immunity, and maintain good health.



Students used their iPads to join the activity, and the teacher showed the bingo fruit on screen. Excitement in the air!



Students were keen to win the contest! Are you ready?

S.2 Project Based Learning (PBL) and S.3 Independent Enquiry Study (IES) Presentation Day

The Form 2 PBL and Form 3 IES Presentation Day was held on 7 May 2021. Students presented their works and projects to teachers and fellow students. All students were very concentrated during the presentation. They were keen to ask the presenters questions on their project. It is a golden opportunity for students to learn from each other.



Students and teachers paid full attention to the presentation in the school hall.



A Form 1 student was asking questions about the presentation in the Lecture Theater.



The presentation topic for this group was “Food nutrients”.



Five Form 3 students were presenting their ideas about stress faced by Form 1 students.



The presentation was about “A smarter bank for elderly and disabled people”.



Student Achievements



Our students are awarded the Champion in Odyssey of the Mind Hong Kong Regional Tournament 2020, the world largest STEM competition. They will have a chance to represent Hong Kong to beat the world in May 2021.

S1 Lin Chun Yip
S1 Shek Wing Hon
S3 Koo Dick Shik Jessica
S3 Lavanya Kumar

S3 Sanah Sharma
S3 Ho Ka Yee
S3 Lee Wing Yan



Congratulations to the following awards recipients in the "Guangdong-Hong Kong-Macao Greater Bay Area Mathematical Olympiad Preliminary Round 2021 (Hong Kong Region)".

S.1 Lam Tsz Long (First Class Award)
S.1 Lee Yui (Third Class Award)
S.2 Ho Yiu Chung (Second Class Award)
S.2 Leung Lap Hang (Third Class Award)
S.2 Wong Yat To (Third Class Award)
S.3 Li Long Yin Oscar (Second Class Award)
S.3 Fok Shing Hei (Second Class Award)



Congratulations to the following awards recipients in the "Pan-Asia Pacific International Mathematics Invitation Competition 2021".

S.3 Ting Ho Kam (Second Class Award)
S.3 Ng Ho Him (Second Class Award)
S.3 Lau Hon Fai (Second Class Award)
S.3 Fok Shing Hei (Second Class Award)
S.3 Leung Tin Long (Third Class Award)
S.3 Teng Rui (Third Class Award)
S.3 Li Long Yin Oscar (Merit)
S.3 Wong Tsz Yau (Merit)
S.2 Leung Lap Hang (Third Class Award)
S.2 Fan To Ming (Third Class Award)
S.2 Tse Yuk Tin (Third Class Award)
S.2 Law Alfred (Third Class Award)
S.2 Chan Ho Hin (Merit)
S.1 So Yu Yeung (Third Class Award)
S.1 Lee Yui (Merit)
S.1 Wu Hai Hong (Merit)



S.2 Limbu Apechya received the Silver Award in the 16th "Campus Drawing Cup" for the Hong Kong Youth Recitation • Literature • Art Exchange Solo Verse Speaking Competition.

S.2 Wong King Fung received the Gold Award in the 16th "Campus Drawing Cup" for the Hong Kong Youth Recitation • Literature • Art Exchange Story Telling Competition.



Congratulations to the following awards recipients in the "Hong Kong International Mathematical Olympiad Competition(HKIMO) 2021" in March.

S.1 Lee Yui (Bronze Award)
S.2 Tsui Ka Ho (Bronze Award)
S.3 Fok Shing Hei (Bronze Award)



S.1 Fei Nga Hei and S.3 Cheung Yi got the Gold Awards in the 16th "Campus Drawing Cup" for the Hong Kong Youth Recitation • Literature • Art Exchange Putonghua Solo Verse Speaking Competition.

A 3-day Biotechnology Tasting Programme for Primary School Students

Biotechnology has shown its importance during COVID-19 pandemic period. The development and application of biotechnology has proved a boon in developing rapid testing technology and producing powered vaccines for the new coronavirus in a short time.

Our school understands the importance of biotechnology in our daily life and try to promote it to primary school students. A 3-day biotechnology tasting programme was designed for the primary students to join. Our students were responsible to introduce and teach the primary school students how to perform all the experiments.

The first day of the programme taught the students how to set aseptic zone and the culture of bacteria before and after cleaning your thumb with alcohol wipes. They also learned how to use microscopy and observed living organism under microscope.

The second day of the programme provided students with their knowledge of DNA and RNA, methods of making DNA model, decoding exercise and extracting DNA from strawberry. The students were allowed to take the DNA samples they extracted from strawberry home.

The third day of the programme offered the students a chance to practice using the autopipette. Students were able to learn DNA fingerprint technique which including DNA preparation, technique of gel filling and gel electrophoresis and applied DNA fingerprint technique to investigate a crime scene and find out which suspect commit the crime.

The primary school students and our students instructors were all enjoy this activity. And we are all looking forward to joining the next 3-day tasting programme.



Our students acted as instructors to teach the 3-day programme.



Have you cleaned your hands?



DNA extraction from strawberry.



Students enjoyed making DNA models, learning methods of RNA bookmark and DNA extraction.



Primary school students were learning how to use microscope to observe living organisms.



A primary student was adding DNA sample into the well of agarose gel for electrophoresis.



Let's find out who had committed the crime!



Finally, the power of catalyst was demonstrated using hydrogen peroxide and dish soap! A gigantic bubble foam was created.

National Security Education Day

In order to let students know more about the National Security Law, a series of activities were held in April this year for the National Security Education Day dated 15th April. A lesson on National Security Education was held on 14th and 21st April for Form 1 and Form 2 classes respectively. For Form 3 students, a lesson on the National Constitution was held on 28th April.

In the lesson, a video clip about the National Security Law or the National Constitution was played followed by a Q&A game. A flag-raising ceremony was also held to teach students the etiquette needed. On the National Security Education Day dated 15th April, all Form 1 students joined an online Q&A competition while our Basic Law Ambassadors participated in a webinar discussing the National Security Law with the students in Macau. On top of that, an exhibition located outside the hall with a quiz game was also carried out from 14th to 21st April. Through these activities, students could be able to understand the importance and the content of the National Security Law imposed in Hong Kong.



Students were attentive to what the teacher taught in the National Security education lesson.



Students were learning the etiquette needed for a national flag-raising ceremony.



A student was working hard on the questions about the National Security Law.



All Form 1 students joined an online Q&A competition about the National Security Law on 15th April.



Two girls were happy as they had won a prize in the game of the National Security Law exhibition.



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

