



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
2022-2023

AI & ROBOTICS CONTROL

The rapid development of AI and robotics control has been transforming the world. From autonomous cars to smart homes and entertainment to healthcare, the integration of AI and robotics has been becoming increasingly prevalent in our daily lives. The impact of this technology is far-reaching, and it changes the way we live, work and interact with each other.

AI and robotics have been providing new opportunities in the field of education. With the help of AI, teachers can create personalized learning experiences for each student, tailoring the curriculum to their individual needs and abilities. Robotics, on the other hand, has been providing students with hands-on experience in engineering and programming. This technology allows students to design and build their own robots, giving them a deeper understanding of the mechanics and programming behind these machines.

The integration of AI and robotics also transforms the workplace. With the help of AI, companies can automate routine tasks, freeing up employees to focus on more complex and creative work. Robotics provides new opportunities for workers, particularly in the manufacturing sector. With the help of robots, workers can perform tasks that are dangerous or physically demanding for humans.

However, the rapid development of AI and robotics is not without its challenges. One of the biggest concerns is the potential impact on jobs. As more tasks have become automated, there is a risk of job displacement, particularly for low-skilled workers. Under such situation, students are suggested to focus on developing skills that are less likely to be automated, such as critical thinking skills, creativity and emotional intelligence as these skills will be in high demand in future jobs even when automation becomes more prevalent.

Besides, students should also be encouraged to pursue careers in fields related to AI and robotics. As these technologies become ubiquitous, there will be a growing demand for professionals with the skills and expertise to develop, implement, and manage them. That is why the school has put much emphasis and resources on developing the STEM curriculum such that students can keep up with the rapid growth of technology when they enter the society after graduation.

The rapid development of AI and robotics has been transforming the world in profound ways. While there are challenges that need to be addressed, the potential benefits of this technology are enormous. Students can equip themselves to face these challenges by developing skills that are less likely to be automated and pursuing careers in fields related to AI and robotics.





SILVER JUBILEE ART EXHIBITION

Introduction

A Silver Jubilee Art Exhibition was organized by our school at Jockey Club Creative Art Centre from 28th April to 2nd May 2023. To commence the event, there was an opening ceremony on 29th April. Honorable guests from the Education Bureau, Po Leung Kuk organization, former principals of TNK as well as guests from other sister schools were invited to attend the opening ceremony. After the ceremony, there was a guided tour for our honorable guests prepared by our students and teachers.

Features

This exhibition has combined technology and art to reinterpret the educational phenomenon "STEM". Through this unconventional art exhibition, visitors could enjoy a unique campus tour in the four exhibition areas "S", "T", "E", and "M".

In the exhibition area, "S" which stands for "Space", visitors were led into the TNK campus and peeped into the feature campus construction. Through 3D illusion paintings, these 3D paintings also created an optical illusion which made visitors feel like they were walking through the campus.

In the exhibition area, "T" which stands for "Time", visitors were able to immerse in the good old days of TNK under the leadership of the three principals at different periods through the "memory trail". Reminiscing about the past and welcoming the future, a series of cylindrical mirror anamorphosis art installations were created to see the future of TNK in the eyes of students through different angles of plane and mirror cylinders!

In the exhibition area, "E" which stands for "Electronic", visitors could experience TNK's vibrant technology education through the interaction with digital paintings in the interactive area. The paintings were interactive and responsive to the visitors' movements which gave visitors a unique and engaging experience.



Dr. Lesley K. H. Chan, Chief Curriculum Development Officer (Arts Education) of Education Bureau, is the officiating guest of the art exhibition.



Mrs. Winnie W. L. Chan, Chairman of Po Leung Kuk cum Po Leung Kuk Schools' Supervisors Committee, delivers a welcome address to the audience in the opening ceremony.



Principal Wong welcomes all the honorable guests at Jockey Club Creative Art Centre.



Our student shows Ms. Loretta Y. M. Lam, the Principal Education Secretary of Po Leung Kuk, how the AR technology works with students' artworks.



All honorable officiating guests take a group photo before the ribbon-cutting ceremony.



This student tells the guests the background story of the students' artworks.

In the exhibition area, "M" which stands for "Metropolis", visitors were able to travel between reality and virtual reality easily in Augmented Reality (AR). Visitors could enjoy the richness of learning activities in TNK. The AR art works were interactive and visitors could explore the future of TNK in a fun and engaging way.

Summary

This innovative Art Exhibition would not be successful without Principal Wong's leadership.

The Silver Jubilee Art Exhibition was a huge success. Likewise, thanks to the hard work and dedication of the TNK staff and students, this art exhibition was one of the highlights in the school 25th anniversary celebration.



Principal Wong takes a group photo with students in front of an artwork created by our students.



Students take a group photo with honorable guests.



MAKER FORTNIGHT, SILVER JUBILEE CHARITY BAZAAR CUM COOLSTEAMAKER FESTIVAL

In order to celebrate the 25th anniversary of our school and provide a platform for students to showcase their talents in S.T.E.A.M., the Maker Fortnight was held in Mid-March, followed by the Silver Jubilee Charity Bazaar cum CoolSTEAMaker Festival on 18/03/2023. Various competitions, displays of artworks, game booths, hands-on activities and charity sale were organized. Students learnt how to solve problems and to communicate with others when setting up various game booths. They responded to visitors patiently during the visit. In general, it was a fruitful experience for students.



Students learn how to drive an aeroplane by playing the Flight Simulator in the Aero Lab.



For the Inter-class Maker Competition, a student representative receives the 1st prize for her class.



Students enjoy trying out this game booth!



With collaboration, students try their best to design a decent Easter egg for the Inter-class Easter Egg Competition.



Principal Wong shows students how to shoot the target successfully with an arrow.



This student takes a big photo with our teacher after conducting a scientific experiment.





The overall winner (cheering team) goes to Karbada.

THE SILVER JUBILEE SPORTS DAY

The Silver Jubilee Sports Day kicked off with a good start. The weather was sunny and it was a perfect day for them to display their talents! Apart from student participants, cheering teams, alumni, parents and teachers also took part in various events, creating a vibrant atmosphere. In the end, prizes were given to students, parent volunteers and teachers. The school will continue to nurture students who are interested in sports!



Students wait for the high jump.



A student tries his best to run towards the finishing line.



Congratulations to the winners of the Overall House Champion!

3-DAY AIoT AND BIO-TECHNOLOGY TASTER PROGRAMME

To better prepare students for future challenges ahead, the school has prepared a 3-day AIoT and Bio-technology Taster Programme for primary school students. For the events in the Smart Home Lab, students have learnt coding and how to make a smart meter. For the events in the Bio-technology Lab, students learn how to extract DNA from strawberries.



Students learn how to extract DNA samples.



For the AIoT workshop, a student helper introduces some safety measures of using a 3-pin plug.



After the AIoT workshops, the primary school students take a group photo with the teachers and student helpers.



After the Bio-technology lessons, the primary school students take a group photo with the teachers and student helpers.

STUDENT ACHIEVEMENTS



HKUST Underwater Robot Competition 2022

Members of the Science Team won the Gold Achievement Award. They were as follows:

- 1B (20) CHENG HO MAN,
- 1B (24) CHING WAI HONG,
- 1D (5) LI YEE KA,
- 1F (9) CHEUNG CHIU MING &
- 3A (5) LO LOK YAN NICOLE.



Odyssey of the Mind Hong Kong Regional Tournament 2023

Members of the Creativity Thinking Team were awarded the 1st Runner-up. They were as follows:

- 1A (9) LI CHOI KIU,
- 1D (4) IP SUM YING,
- 1D (5) LI YEE KA,
- 1D (8) MA YUEN KI,
- 1D (11) TAN YEFEI,
- 1D (22) LAM CHUN YUEN &
- 3A (5) LO LOK YAN NICOLE.



The Junior Secondary History e-Reading Award Scheme 2022

Members of the Archaeology Club won the Appreciation Award and School Participation Award. They were as follows:

- 2C (1) AGHA SYEDA MUNEEBA,
- 2C (4) GURUNG ELIZA,
- 2C (11) MUNIBA WAQAR AHMED,
- 2C (24) RAYAN SAJED &
- 2C (26) WAN FRANKLIN.



"Swallow Bridge Bauhinia Song" Mandarin Speech Competition 2023

Members of The Chinese Club won the gold award and silver award. They were as follows:

- 1D (12) WONG MING YU,
- 1D (22) LAM CHUN YUEN,
- 2A (12) ZHANG BAO JI,
- 2D (5) LAW WING SHAN &
- 3A (14) FONG KO KIN.



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