

G.T. Newsletter

G.T. (Ellen Yeung) College - Secondary Section

ISSUE 4 Mar 2022

Principal's Talk



Dr. Raymond TAM
Principal

Emphasizing students' all-round development, G.T. College has been a stepping stone to a successful journey for many, be it academics or extra-curricular talents. As always, G.T. College has been participating in various local and international competitions, sweeping the board at numerous prestigious contests. Flipping through the pages, you can see the successful experience of our students.

Having said that, what has aroused my interest is the learning attitude of my students and whether they can truly benefit from the competitions. Unlike the majority of Hong Kong schools which find competitions result-oriented, we encourage our students to explore their interests by taking part in those competitions, regardless of their abilities. Sometimes they win; sometimes they learn; but they never lose.

"Competition is always a good thing. It forces us to do our best. A monopoly renders people complacent and satisfied with mediocrity," observed author, Nancy Percy. G.T. students, I would like to hereby congratulate you on all these impressive awards! Yet, we all need to be conscious of not getting a swollen head towards our past victories. Otherwise, we will never stand out from the crowd in the future. Learning is a life-long process. Stay humble, stay hungry!

Singing Contest 2021

After more than a year of the pandemic, the long-awaited Singing Contest was finally held on campus on December 21, 2021. In an atmosphere of joy and exhilaration, students and teachers demonstrated their best talents on the stage.

The singing performances were remarkable and highly entertaining. Students were not only able to demonstrate their professional singing techniques, but also danced, rapped and rewrote the lyrics. The teacher-student group was newly added this year. Teachers and classmates accomplished magnificent shows on the stage together, strengthening their bond and enhancing their affection.

We were grateful for the participation of teachers and students alongside the tremendous support from Professor Li and Principal Tam.

Marco Chow (11B)
Chairman of Student Union



Professor Li enjoying some G.T. students' best shots on the stage

Here are the results of the Singing Contest:

Award	Student Contestants Judged by teachers	Student Contestants Voted by all GT students	Teacher and Student Contestants Judged by teachers
Champion	10C Central Wong, 11A Sian Lee	11B John Kwan, 11B Him Tung	Ms. Samantha Shiu, 7E Sophie Cheung, 11A Sophie Fung, 11A Sian Lee
First runner-up	12B Vanessa Chan	10C Central Wong, 11A Sian Lee	Mr. Yushan Yao, 10A Jason Chan, 10A Matthew Pang
Second runner-up	10A Forrest Lo	11A Sian Lee	Ms. Candy To, 9B Nicole Mack, 9B Venus Mui, 9C Joey Ho, 9D Daisy Cheung, 9D Heman Yeung, 11C Gavin Chau, 11C Matsu Ma, 11C Felix Wong

Mr. David Chan and Mr. Leslie Tam
Heads of Extra-Curricular Activities Group

Central Wong (10C) and Sian Lee (11A), the performers of the day



Graduating classes performing their "High School Musical" at GT

Greater Bay Area Science Project Competition (GBASPC) 2021 Final Round and STEM Forum cum Award Presentation Ceremony



A group photo of GBASPC Organizing Committee, the Guest of Honour and Honoured Speakers (From left to right: Mr. Kenny Chan, Prof. Ming Chun Chu, Dr. Christine Yu, Dr. Raymond Tam, Prof. Lap-Chee Tsui, Mr. Johnny Yeung, Prof. King Lau Chow, Prof. Chun Kong Cheng and Prof. Yun Wah Lam)

Greater Bay Area Science Project Competition (GBASPC) is a STEM competition initiated by Gifted Education Council (GEC) and G.T. (Ellen Yeung) College. It aims to connect talented young scientists in the Greater Bay Area (GBA) to exchange their knowledge of science, technology, engineering, and mathematics for exploring and developing innovations.

GBASPC Final Round and the STEM Forum cum Award Presentation Ceremony were successfully held on 20 November 2021 in Hong Kong Science Park. The Final Round Competition was conducted in a hybrid mode in the morning. Eleven Finalist Teams, including a team from our school, gave a 15-minute presentation followed by a 10-minute Q&A session with a Judging Panel consisting of nine university professors and a professional from a research institute.

The STEM Forum cum Award Presentation Ceremony was held in the afternoon. There were 160 participants including professors, school governors and advisors, school principals, teachers and students. The STEM forum aimed to bring together leading STEM professionals to share insights into STEM education, challenges and opportunities for STEM in the GBA. It is our great honour to have Prof. Lap-Chee Tsui, the Founding President of the Hong Kong Academy of Sciences, as the Guest of Honour of the STEM Forum.

Thank you all for your effort and support to make the event successful!

Dr. Christine Yu
Assistant Principal



Prof. Rex Li and Principal Dr. Tam with GT Finalist Team (From left to right: Shiu Chun Tung (11A), Yung Zhe Sheng (11A) and Wu Lok Ki (11B))



Professor Rex Li delivering a short speech at the beginning of the ceremony



Prof. Lap-Chee Tsui delivering a keynote address in the STEM Forum



A group photo of all participants in the event

Formula Edge A.I. Car Competition 2021



Mr. Alex O and G.T. students celebrating their achievements in the Formula Edge A.I. Car Competition

In the three-day preliminary round and the final round competitions, three teams from G.T. College made a lot of effort to modify the car's performance in speed and stability. By manipulating the A.I. program, their cars were optimally tuned for high racing performance. With great cooperation, our teams were awarded the Champion, the First Runner-up, and the Third Runner-up in the Best Average Time Award in the preliminary round. One team was also awarded the Second Runner-up in the Best Lap Time Award. Congratulations!

Mr. Alex O
Assistant Principal
Teacher leader of the STEM competition

Team A	10A	YIP Man Yan	Team B	10A	WONG Chun Lam	Team C	10A	TAM Ching Yeung
	10A	TSE Man Hin		10E	YUNG Long Hei		10E	YEE Tsz Tung
	10C	KWOK Wing Yin		10E	PANG Chun Hei		10E	CHUI Hong Wan
	10E	HU Kai Yui		10E	CHAN Wang Chak		9D	CHAN Oi Hin



G.T. students being the Champion and the First Runner-up in the Best Average Time Award



G.T. students receiving the Second Runner-up in the Best Lap Time Award

International Biology Olympiad – Hong Kong Contest 2021

Our school achieved remarkable results in the International Biology Olympiad – Hong Kong Contest 2021. Our student Gabriel Leung (11A) won a silver award; Jeremy Lee (12A), Forrest Lo (10A) and Cheuk Hei Chan (11A) were awarded a bronze; Heison Wong (11A) and Nicholas Wong (10A) were awarded an Honourable Mention. Our school won the Best Schools Award. The silver medal and bronze medal awardees are eligible to participate in the Student Training Course for International Biology Olympiad 2022 (Phase I). Congratulations to all awardees!

Dr. Christine Yu
Assistant Principal



Silver and Bronze medal awardees and their teacher attending IBO-HKC 2021 Prize-giving Ceremony on 13 December 2021 (From left to right: Gabriel Leung, Cheuk Hei Chan, Jeremy Lee, Forrest Lo and Dr. Christine Yu)

“Bio+” Innovation & Entrepreneurship Conference



Opening ceremony of “Bio+” Innovation & Entrepreneurship Conference

It was a great honour and pleasure for GT iGEM team to be invited by the Organizing Committee of “Bio+” Innovation & Entrepreneurship Conference to give a Special Invited Report during the conference via Zoom on 31 October 2021. The conference was co-organized by experts from Zhejiang Province Bioengineering Society, Zhejiang University of Technology, Zhejiang University and the leading academic institutions in the area of life science. This conference was also a part of the World Young Scientist Summit 2021, which is an annual academic event for the world’s high-level young talents jointly initiated and sponsored by China Association for Science and Technology (CAST) and Zhejiang Provincial People’s Government. GT iGEM team gave a 20-minute presentation and 10-minute Q&A session on the project entitled “Plasterase: Mutating a Bacterial PET-degrading Enzyme.”

Dr. Christine Yu
Assistant Principal
Head of GT iGEM Team

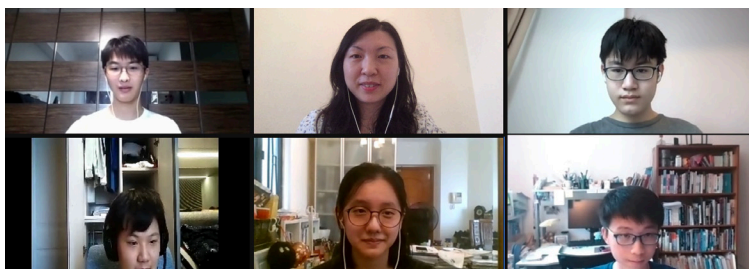


Our Mutants

- Common features of successful ones:
 - Increasing hydrophobicity (Better substrate interactions)
 - Extending or narrowing the substrate binding cleft (More *Thermobifida fusca* cutinase-like)



Live broadcasting of the presentation in the conference



GT iGEM team participating in the conference (from left to right – top: 10A Tam Ching Yeung, Dr. Christine Yu (PI), 11A Wong Chun Hei; from left to right – bottom: 12A Lee Chak Hei, 12B Tse Cheuk Lam, 11A Leung Gabriel)

Geography Awards and Competitions

G.T. Green Leaders won the “Stakeholders Interactive Award” in Hong Kong Urban Greening Competition held by the Green Council. GT Geography students participated in the Quiz and Slogan Competition about environmental friendliness in Hong Kong, which was held by Surein Foundation Limited and sponsored by Home Affairs Department. Standing out among 466 participants, Hayden Chan (7B) and Avis Mak (9D) got the first runners-up, and Arthur Au (10A) got the second runner-up. Our Heads of Green Leaders Jaison Yung (11A), Iris Tsang (11A) and Enoch Sum (11B) cooperated with three teachers Dr. Norman Cheung, Mr. Jasper Kwok, and Mr. Pon Lo to make a promotional video called “環保三寶.”

Mr. Leslie Tam
Head of
Environmental
Education

【2021年度環保常識問答比賽結果公佈】

- 亞軍：7B 陳逸熹
口號：保護環境好重要 源頭減廢人人要
- 亞軍：9D 麥籍心
口號：源頭減廢 你有責
保護環境 由我做起
- 季軍：10A 區逸朗
口號：每日做多啲環保 生活質素更加好

Awardees of Quiz & Slogan Competition



學校組

持分者大獎

優才(楊殷有娣)書院中學部



天台花園分作物區和圍圍區，由負責老師、校園綠色大使、參與有機耕種班嘅同學合力規劃和管理，花園中央以同類植物擺成「G.T.C.」校名縮寫。學校工友亦可以響應進行有機耕作，間中仲會同同學仔互換種子、幼苗同作物。

“Stakeholders Interactive Award” in Hong Kong Urban Greening Competition

Geography Trip



A very meaningful trip with a sunny weather

On 18th November, G11 students participated in a field trip to enhance their subject knowledge and appreciation towards the amazing natural environment. During this field trip, we investigated quite a number of fluvial and coastal landform features, including a beach, a delta, a rapid and a waterfall, collected data and shared ideas with each other. Moreover, we gained useful hands-on experience which paved the way for the implementation of a larger scale fieldwork in the near future.

Mr. David Chan, Dr. Norman Cheung
Mr. Leslie Tam, Mr. Thomson Ng
Geography Department



A nice shot in front of a waterfall



5 A special guest—Mr Karl Yeung—coming for a great Hi

Live-Streamed Science Class by Tian Gong Space Station



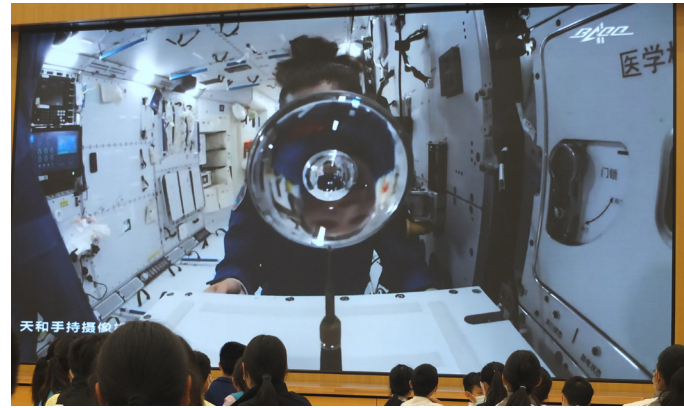
Participants:

9A	CHEN Xiujie
9A	CHOI Ho Chit
9B	WONG Ching Tung
9B	CHAN Hei Nam
9B	LIU Peirui
9B	NG Cheuk Hin
9C	TAM Hiu Ying
9C	KONG Pak Shing
9D	CHAN Oi Hin
9D	NG Tsz Ching Tiana
9E	CHAN Lincoln Charles
9E	WONG Long

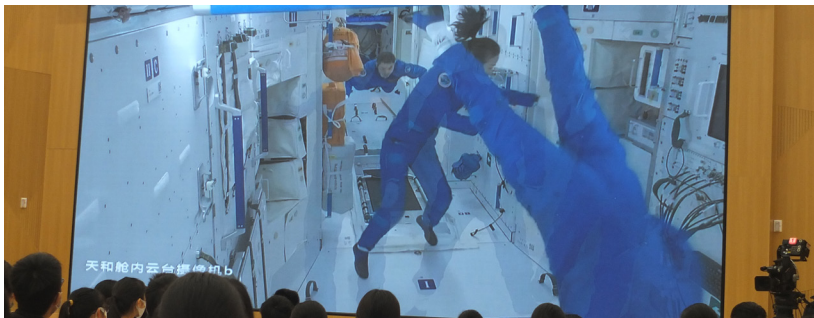
Mr. Alex O and GT students attending the live-streamed science class by Tian Gong space station

Ten G9 G.T. students attended the live-streamed science class by taikonauts Zhai Zhigang, Wang Yaping and Ye Guangfu in Tian Gong space station on 9th December 2021. A total of 1,420 primary and middle school students attended the class from five classrooms at China Science and Technology Museum in Beijing, Nanning City in south China's Guangxi Zhuang Autonomous Region, Wenchuan County in southwestern Sichuan Province and in Hong Kong, and Macao Special Administrative Regions respectively. Our students were amazed by the experimental demonstrations.

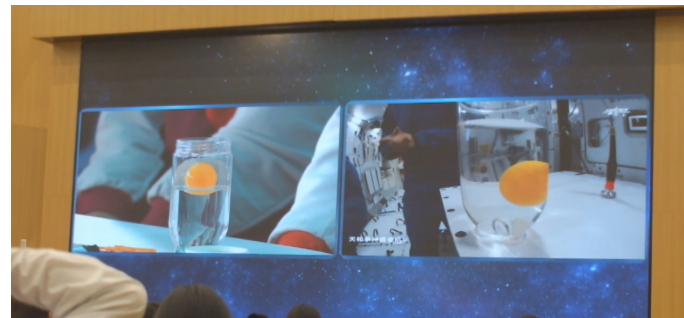
Mr. Alex O
Assistant Principal



Optical refraction by a water ball with an air bubble inside



Taikonauts walking in the space station



Buoyancy (left) and loss of buoyancy in a zero-gravity environment (right)

G10 and G11 Flag Selling

This year, our G10 and G11 students participated in two flag-selling activities on September 11 and November 20 respectively. The beneficiary charities were the Hong Kong Federation of Handicapped Youth and the "Community Fund." Their enthusiasm in collecting donations from the residents in Tiu Keng Leng and Tseung Kwan O was impressive. Despite the hectic school life, students tried their best to serve the community with their remarkable commitment.

Mr. Steven Chan
Moral Education Group



Mr. Philip Kwan supporting G10 students in the flag selling

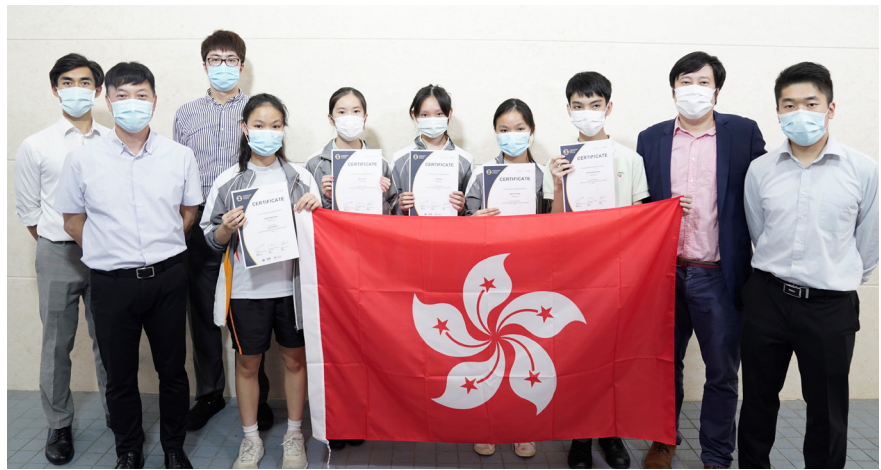
Economics Analysis Competition (2021) & International Economics Olympiad

In 《語出經人 經濟分析比賽 2021》 organised by Hong Kong Association for Economics Education in October 2021, three of our G.T. teams from 11A entered the final round of the competition! Their research reports evaluated the effectiveness of increasing the supply of public housing in addressing Hong Kong housing problems. Congratulations on their well-deserved success!

Team	Students List	Award
Team 1	Conan Cheung (11A) Jessie Fung (11A) Sophie Fung (11A) Sian Lee (11A)	Champion Best Presentation Award
Team 2	Chuck Chan (11A) Enoch Hui (11A) Gabriel Leung (11A) Heison Wong (11A)	2nd runner-up
Team 3	Hebe Kan (11A) Tokyo Siu (11A) Daniel Wai (11A)	Merit Award (Top 10 in Hong Kong)

Following our remarkable achievement in the International Economics Olympiad (IEO) 2021, Gifted Education Council – our school sponsoring body – was awarded the 3-year hosting right of IEO Hong Kong team selection from 2022 to 2024. We hope that more and more G.T. elite students will be able to take part in such a renowned competition.

Mr. Jerwa Ip, Mr. Philip Kwan, Mr. Karl Yeung
Economics Department



GT being the first school in Hong Kong to ever join and win an award in the International Economics Olympiad main competition!



Conan Cheung, Jessie Fung, Sophie Fung and Sian Lee (all from 11A) winning the Championship and Best Presentation Award!

Gifted and Talented Programme (C&I) Artwork Exhibition

In Clubs and Interest Group (C&I) every Monday, students enrich their school life by joining one of their interested choices throughout the school year. Not only tutors, but teachers and senior fellow classmates will also provide guidance and support in a wide range of activities. An Artwork Exhibition was launched in the second week of December 2021 at school to showcase the crafts made by students, ranging from model or clay making, teddy bear coloring, to leather making with some needle works. Students' artwork was truly appreciated by teachers and parents.

Mr. Jerwa Ip and Mr. Johnnie Wong
Clubs & Interest Group



Students creating their own artwork



Let's surprise friends or family with these handmade gift boxes!



A miniature bakery coming alive



Students assembling and coloring a model

Pre-G7 Experience Day

The Pre-G7 Experience Day for our G6 GT primary section ran smoothly on 2 December 2021. Students had the opportunity to have a taste of campus life in secondary school. Though the experience day was short, stimulating activities were provided, including the learning games in the English lesson, air canon in the Science lesson and the flyball in the Physical Education lesson. They also got to know more about our school through the introduction session held by Principal Dr. Tam and Mr. Jerwa Yip. The Experience Day ended with an evaluation session held by Mr. Paul Chan to summarize what students had gained that day.

Ms. Crystal Wong
Admission Group Committee



Principal Tam giving a welcome speech to G6 students



G6 students playing flyball in the P.E. lesson



G6 students trying the air canon in the Science lesson

G7 Adventure Activity Day

On December 3, 2021, an Adventure Activity Day was held specially for G7 students in the campus. Led by professional trainers from the Junior Police Call, students enjoyed adventure activities as they communicated with teammates and worked together to solve all challenges. In the process, they learned how to collaborate closely, listen carefully, and communicate clearly. Moreover, they developed closer relationships and enhanced teamwork skills. Not only did G7 students relax after a term of schoolwork, but they also experienced that collaboration is the key to success!

Mr. Philip Kwan
Head of Moral Education Group



Students and trainers warming up in an icebreaker game



Students working together to find a solution



Students solving problems with teammates

G.T. Talents' Multiple Intelligences on ViuTV STEM Challenges

Nicholas Wong (10A), Emily Wong (9B) and Forrest Lo (10A) demonstrated their multiple intelligences on ViuTV STEM Elite TV Program in three different episodes of 15, 20 and 25. These three stars showcased their multiple intelligences by illustrating STEM experiments related to biology, chemistry and physics. You may watch and enjoy their dazzling performances by scanning the QR codes.

Dr. Molly Chan
Head of STEM



MI School Series (II): King's College Old Boys Association Primary School

In order to share the development of GT's Multiple Intelligences (MI) and research experience in the recent two years, G.T. Research & Training embarked on its second MI school tour in Hong Kong on 5 November 2021.

With the support from Professor Li and Principal Tam, Dr Clara Cheng, together with the Vice-Principal Mr Benny Lai, visited King's College Old Boys Association Primary School. The afternoon with the school principal, Ms Chan Shuk Ying, and her senior management team was a fruitful one.

Questions exchanged ranged from the gigantic benefits of developing the multiple intelligences inside students to teachers with the belief of MI and implementing MI in the classroom for providing more concrete opportunities for more fun learning and diverse achievements.

An afternoon in the library with the school team passed on a message: Multiple Intelligences is not just a theory; it also provides chances for school administrators and teachers to create more diversified learning and fun lessons. In the long run, a higher level of MI practices will bring about a higher level of intellectual diversity inside both students and teachers.

Dr. Clara Cheng
Head of Research & Training



The group saying farewells after a hearty sharing



The sharing being conducted in the gallery-like library

Sports Sunday and Alumni Gathering at GT



Group photo of alumni and teachers after Sport Sunday

On 5th December 2021, the PE Department and Alumni Association held G.T. Sport Sunday & Alumni Gathering for alumni and teachers. We invited more than 50 alumni to gather and play sports in our alma mater. On that day, the PE department prepared the tools and spaces for alumni and teachers to play different kinds of sports such as badminton, table tennis, handball, flyball, etc. The most anticipated item was the football match between teacher teams and alumni teams. Many fun memories were created in the match. At night, a gathering was held in the hall. The Alumni Association prepared two Kahoot games for alumni to know more about the latest development of GT.

Mr. Leslie Tam
Head of Alumni Association



Prof. Li having a sharing with alumni



Principal Dr. Tam giving an opening speech on Sport Sunday



Teachers and alumni enjoying their "Family Reunion"

The Best Token of Appreciation - PTA Gifts to G.T. Teachers



Heartfelt thanks to the PTA for sending thoughtful goodie bags to all the teachers who have been encouraging students to reach higher in their education, shaping the future generation! As educators, we are mostly rewarded when we can inspire and change our students, even when they are facing challenges that seem impossible. GT always works closely with parents to help with students' academic achievements, social competencies and emotional well-being. We will continue to act as a bridge for open and constructive communication between home and school in the rest of the school year.

Mr. King Lau and Mr. Jerwa Ip
Heads of Parent Liaison Group



10E 陳綽賢同學接受大公報採訪



魯迅獎證書

7C 姚卓帆	冠軍
7C 蔡俊賢	亞軍
7E 張旨盈	亞軍
8E 鄧雪晴	亞軍
7B 郭焯盈	季軍
8E 鄧雪晴 8A 謝熙琳	季軍(二人組)

「好山好水好香港」創意寫作比賽



高中組亞軍

10A 廖家翹
指導：吳婧 老師

初中組亞軍

9B 黃靖桐
指導：楊宇軒 老師



校長譚國偉博士與選修日課程文學深度遊李潤滿老師同賀陳綽賢同學掄元

“Art to Heart” Creative Arts Program

In order to encourage students to explore and express their inner feelings more, and to heighten their awareness of emotions, the Moral Education Group held the “Art to Heart” creative arts program for G10 students on December 10, 2021. Under the guidance of a registered expressive art therapist, students used different materials to create artworks with the theme of "My Emotional Planet." The essence of the creation process was not the beauty nor design of the work itself, but the feelings and experiences of the students. It is hoped that through this experience, students could learn to release their emotions, express their inner aspirations, and share their thoughts with others.

Ms. Sura Ng
Head of Moral Education Group



Students creating their own 'emotional planets'



Students sharing their artwork with their peers



Touching and sensing the cotton - a taste of mindfulness

GT iGEM Team won a GOLD Medal in iGEM 2021



G.T. iGEM team meeting with Co-founders of Clearbot on 31 May 2021



G.T. iGEM team participating in iGEM Symposium 2021 organized by HKUST iGEM team on 11 August

GT iGEM team (HK_GTC) was awarded a GOLD medal in the International Genetically Engineered Machine (iGEM) Competition 2021.

Our project entitled “PETase & Related Analogous Chimeras Transfused in Computer and AI Learning (PRACTICAL)” developed a dual enzyme system as chimeras and cocktails between PETase and MHETase to speed up plastic degradation. Further, we used drone and AI technology to train and develop a deep learning PET bottle detection model to map plastic pollution on beaches. To arouse public awareness of plastic pollution, we conducted a survey study, held an iGEM sharing session in school and published an educational booklet for all HK secondary schools.

Thank you all team members for their dedication and efforts put into the iGEM journey!

Dr. Christine Yu
Assistant Principal
Head of GT iGEM Team



G.T. iGEM team meeting with iGEM team from Cornell University to discuss collaborations in July



GT iGEM team having an interview with Prof. Jacky Ngo at School of Life Science, CUHK on 26 April, 2021



A group photo of iGEM team 2021
(From left to right – Upper: Leung Wai Tai (10A), Loh Calista Estella (G10), Liu Ka Kiu (10A), Wong Chun Lam (10A), Dr. Christine Yu (PI), Fok Chun Yin (11C), Wong Chun Hei (11A); Lower: Ho Chung Hei (10A), Tse Ching Lam (Year 1), Leung Gabriel (11A), Chau Hok Hin (11C), Tam Ching Yeung (10A))



G.T. (Ellen Yeung) College

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