

# School Report and Review

2020 to 2021

(Secondary Section)







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# **Key Elements of the School Report**

- (1) Our School
- (2) Achievements and Reflection on Major Concerns
- (3) Our Learning and Teaching
- (4) Support for Student Development
- (5) Student Performance
- (6) Financial Summary
- (7) Feedback on Future Planning

# (1) Our School

#### **School Vision**

The vision of our school is to nurture future leaders with the following qualities:

- good communicative skills.
- knowledge breadth, critical thinking, and good writing skills.
- an international perspective.
- an understanding of Chinese culture, history, and heritage.
- positive attitude and values.

#### **School Mission**

The mission of our school is to nurture talents and future leaders for society. Our education objectives are love, creativity, and task commitment.

More information is available from:

https://www.gtcollege.edu.hk/index.html

## (2) Achievements and Reflection on Major Concerns

**Priority Task 1:** Strengthen the ability of integration and application of STEM knowledge and skills across different subject disciplines

#### Achievements

#### To promote professional sharing and experience among teachers in the field of technology

Due to the COVID-19 pandemic, online learning has become the only platform for teaching and learning. Teachers provided interactive online lessons and videos during the suspension of face-to-face classes. There were several measures to support and empower school teachers to adapt to online teaching and develop digital skills. Firstly, school provided subsidy for teachers to purchase tablet computers such as iPad for learning and teaching. Secondly, teachers shared their IT teaching strategies during staff development day and panel meetings. They also shared their pedagogies, experience and suggestions about online teaching on school's Newsletter. To recognize the effort of teachers, a teaching video competition was organized in January to commend different departments on their teamwork and exceptional videos. The aim was to encourage teachers to create high-quality video lessons linked to online resources and mapped to the school curriculum for all grades in order to use as references to support teachers in their remote teaching.

There were collaborations between school, tertiary institutions, and industries to provide teachers with professional support and resources in technology including a collaborated QEF project entitled "Application of Innovative Mixed-Reality Technology in STEM Education: Secondary Biology Teaching and Learning" which was in collaboration with The Chinese University of Hong Kong, The Hong Kong Polytechnic University, Sing Yin Secondary School and Po Leung Kuk Ngan Po Ling College to develop innovative courseware using Virtual Reality (VR) and Augmented Reality (AR) technology in the teaching and learning of Biology. The second demonstration of the VR courseware in Biotechnology and news media interviews were conducted in November 2020. The courseware uses VR and AR to allow students to interact with virtual objects and environments to enrich their learning experience. News media interviews featuring the innovation were published on 30 November 2020 in Sing Tao Daily and 18 December 2020 in Ta Kung Pao.

# To strengthen students' ability to integrate and apply STEM knowledge and skills across different subjects and disciplines

There were vertical integration of STEM curriculum in A.I. and Robotics among primary and secondary sections of the school in order to sustain students' interests and enhance their competence in STEM skills and knowledge. The student name list of STEM courses in primary school were shared to secondary school as a reference to provide opportunities for students to further their interests. Besides, there were collaboration in STEM competitions between primary and secondary sections in Robotic Olympiad and renewal energy STEM design competition. The team were made up of both primary and secondary students and were supervised by primary and secondary teachers.

The curriculum of Accelerated and Enrichment (AE) classes of all subjects including Chinese Language, English Language, Mathematics, Science, Music and Sports was refined to encourage the increase use of technology in learning. Authentic performance tasks such as project video, press release, drama show, podcast, Youtube video, performances, research projects and various competitions were commonly used as learning outcomes for student learning.

Courses in Gifted and Talented Programs (GTP) was also revamped to integrate more emerging technologies with advances in learning. Our schools was accepted as one of the partner schools collaborate with CUHK to provide STEM course AI for the Future & Robotics for G7 to G9. New courses on emerging technologies were introduced including Humanoid Robotics and STEM Start-up Enterprises.

#### Reflection

#### To promote professional sharing and experience among teachers in the field of technology

With supports from schools and sharing of good practices during staff meetings and in school Newsletters, teachers were quickly adapted to online teaching. They provided interactive online lesson and created high quality video to facilitate students' learning.

The VR courseware in Biotechnology received positive responses as reflected in student surveys. More than 80% agreed that they enjoyed using VR games for biology learning. Besides, more than 70% of students were more familiar with the principles, procedures and applications after using the courseware. The responses reflected the effectiveness of applying MR technology as a tool to enrich students' learning in biology. The experience and effectiveness of the courseware were also shared to international STEM teachers in Mahidol Wittayanusorn School in Thailand on 12 May 2021 and to local STEM teachers in a symposium on STEAM Education 2021 organized by Hong Kong Metropolitan University on 6 July 2021. The courseware will be promoted to more teachers for professional sharing via on-site demonstration when the COVID19 pandemic is over.

# To strengthen students' ability to integrate and apply STEM knowledge and skills across different subjects and disciplines

There were more collaborations in STEM resources and team competitions between primary and secondary sections. The jointed efforts lead to remarkable achievements in STEM competitions including Hong Kong Robotic Olympiad 2021 in which our school team was awarded 16 medals from 8 different games of ocean exploration and land robot competitions.

Teachers' competence of using technology for online teaching in all subjects was enhanced due to the transformation of the physical lesson into digital learning. More sharing of online teaching pedagogies, tools, and reflections would be conducted to promote teaching and learning effectiveness. The vertical integration of STEM curriculum and collaborations in STEM competition would be continued.

A student survey was conducted to study the rating of STEM course curriculum, teaching effectiveness and learning outcomes and the responses of all items were good with an average scale point of 4 (satisfactory) to 5 (very satisfactory). It reflected students were satisfied with the STEM courses in the program.

Besides, students were actively participated in a variety of STEM competitions including International Genetically Engineered Machine (iGEM) competition 2021, S.T. Yau High School Science Award, Student Science Project Competition (SSPC) and Greater Bay Area Science Project Competition (GBASPC). Supervision of project work would be continued in order to provide opportunities for students to use science and technology to address global issues.

**Priority Task 2:** Foster a positive and supportive school climate to maintain respectful and caring relationship throughout the school community

#### Achievements

Due to the COVID-19 pandemic, our communication with students and parents was mostly conducted online. There was frequent and regular communication between students and teachers were strengthen via WhatsApp groups and Google classroom during class suspension period. A number of parents meetings were held in order to provide supports to parents about online teaching arrangement at the beginning of the new school year. A G7 parents meeting through Google Meet was orangized on 13 August 2020 and almost all G7 parents joined the online meeting. On 17 August 2020, a causal online meeting was held through YouTube live streaming for 400 G7 to G12 parents to ask questions. Besides, a senior social worker, Mrs Koo from the Hong Kong Family Welfare Service – TKO (South) Integrated Family Service Centre was invited to give a talk on the topic "Stay positive with Covid-19" on 25 September 2020 through YouTube live streaming. The aim of the talk was to help children overcome adversity with parents' understanding and support.

To develop a culture of encouragement and team spirit among students, a variety show was held in July after final examination for G7 to G8 students. More school activities will be conducted when resumption of full day face-to-face classes.

On 15 January 2021, the Alumni Association held a JUPUS consultation night for G12 students, 15 alumni had been invited to share their work experience and professional development after graduation. There were three parallel talks in different domains including Science & Engineering, Business & Law and Arts & Social Science.

Live streaming, virtual sharing sessions and production of video which was broadcast during class teacher period were used to instil value education to students. Teachers were invited to make a video of 8-10 minutes and shared with students. The topics including setting goal, put into practice, facing setback, being humble, integrity and civic responsibility.

#### Reflection

To ensure students were able to rapidly adapt to the new changes caused by COVID-19 pandemic such as sudden suspension of face-to-face classes, changes in timetable and remote learning, our school engaged teachers, students and parents in a proactive, accessible and ongoing planning and implementation process. To maximize the amount of daily live interaction between students and their teachers and between students and their peers in order to support students' social, emotional and mental health, develop the culture encouragement among students and maintain strong communication and relationship, teachers had frequent and regular communication with students and parents by means of class teacher period, video conferencing via google classroom after school and WhatsApp. All learning materials, teaching video and relevant links were put online to support students in effectively continuing their academic progress towards proficiency and beyond. Parents' Talk, online Parents' Day and individual counselling provided timely advice for parents to cope with changes faced by students being

affected by the pandemic. Both parents and students were able to cope with the changes. Our school policies in response to changing guidelines from the Government were highly appreciated by parents. Care, safe and supportive environment was promoted and students took initiative to show care to others. Besides, value education was instilled during class teacher period. Effective student learning was achieved as reflected by outstanding public examination results.

**Priority Task 3:** Keep connection with global network via new online platforms

#### Achievements

The COVID 19 pandemic had brought restriction in travel and mobility worldwide, students on exchange in international exchange programs and international science fairs shifted online this year. Five G9 students participated in the Japan Super Science Fair 2020 in November 2020, which was hosted by Ritsumeikan High School through Zoom and Slack. Over 60 schools from all over the world participated in this online fair. The students were connected with one another and created opportunities to showcase their science projects. On 10 December 2020, ten G7-8 students participated in the online exchange programme co-organized by Beijing Institute of Technology (BIT) and our school. Students had chances to explore the local culture and experienced the teaching style of the two regions. A variety of online lessons, including discussions and video presentations were designed to connect students with their peers in Beijing. A joint online exchange programme with Korea Science Academy of KAIST, Taiwan Kaohsiung Girls' Senior High School, Taiwan Kaohsiung Municipal Kaohsiung Senior High School took place from 25 to 29 January 2021. Students communicated via Google Meet and had knowledge and cultural exchange. On 6-8 January, a research team of 3 G11 students participated in Thailand International Science Fair 2021 which was held at Mahidol Wittayanusorn (MWIT) School in Thailand. The event was held in both physical and online modes. Besides, our school and MWITS online exchange program was held from 26-29 April 2021. Students took their new friends on a virtual tour using internet and shared the spectacular sceneries in both Hong Kong and Thailand. They also have chances to attend Chemistry, Biology, Cantonese and Thai lessons and discuss the economic and social impacts brought by COVID-19. On 12 May 2021, there was a teacher sharing session about "Researching Classrooms: Perspectives on Student Learning and Development" held by MWIT school in which a teacher from our school shared the experience about research studying the effectiveness of the Mixed Reality technology in teaching to international STEM teachers in Mahidol Wittayanusorn School in Thailand on 12 May 2021. On 25 June 2021, a Multiple Intelligent (MI) Forum was held which connected Gifted Education professionals from Hong Kong, USA and Thailand to have discussion on ideas about MI, education dynamics and ongoing research in schools. The exchange and engagement of students in international exchange program and international science fairs and the professional exchange of school teachers with international

educators had propagated good GT value and image to international partners. Besides, more than high-quality 50 video clipping were created during suspension of face-to-face class as promotion of GT life and cultures and as encouragements to students and parents during the pandemic.

#### Reflection

With increasing experience in digital media for social connection, online conferences had become the only way for rebuilding and reconnecting global networks. School teachers and students made use of digital media and online platforms to stay connected with global events to make the learning fruitful. Students were actively participated in different international events. Teachers had been more innovative and creative in program design, delivering superb lessons. Students from different schools were allocated in different "Meet" rooms to conduct discussions, games and forums. All our partner schools are impressed by how well our school had handled the online exchanges. Professional sharings of research methodology in technology and MI with international educators also delivered the good image of our school as innovative and professional.

## (3) Our Learning and Teaching

#### **Staff Development**

Date	Time	Theme	Speakers
7 Nov 2020	8:15 am – 12:30 pm	1st Staff Development Day	Prof. Li, Dr. Tam &
			Teachers

A Staff Development Days were held and be aimed at updating all teachers about the school directions and achievements to create opportunities for teachers to come together for professional exchanges which have enabled peers to grow their expertise and build harmony, trust and supportive relationships among teachers.

In addition, a series of five new teacher training sessions in five consecutive months (November 2020 to April 2021) was held for 30 teaching staff members with a teaching experience of one to three years at our school. The aims of the training sessions were to introduce school culture and history and share teaching and learning for the MI students.

#### Workshops, seminar and conferences

Teachers are encouraged to attend the workshops, seminars and conferences organized by the EDB, universities and education institutions for professional development throughout the year.

#### **Teacher Training Program and mentors for new teachers**

The Teacher training program is designated for newly recruited teachers from March to August. The program runs from June to August on weekends. It emphasizes the skills to teach gifted students which requires professional expertise and resources provided by the school. The school provided appropriate support for new teachers such as the mentor program. Each newly recruited teacher will also be assigned with a mentor and a subject coach who offer help to new teachers to navigate and find their way through the school culture, facilitate their teaching, and support their needs. The mentor allows the new teachers to observe lessons taught by colleagues with excellent performance in teaching, thereby expediting their adaption to the new environment and work.

## (4) Support for Student Development

#### **Gifted and Talented Programs**

Our school offers four enrichment programs to nurture the gifted.

- 1. Clubs and Interest Group (C & I)
- C & I group aims to develop students' potential in non-academic areas and there are 28 courses in the group.

#### 2. Talent Class Program

The Talent Class program aims to develop artistic ability of students which is an important capability for the development of creativity, open-mindedness, flexibility, and aesthetic sensitivity. There are 31 courses in the group.

#### 3. Elective Day

The program aims to enrich students' academic knowledge and provide hands-on experience to their subjects of interest. There are 24 courses in the group.

#### 4. Sports Friday

The program aims to arouse students' interest in sports and to develop their athletic ability. There are 25 courses in the group.

#### Moral education

A holistic approach of life planning education was adopted to support the whole-person development of students. There were morning assemblies every Monday and every Tuesday for teachers, students, and other organizations to share their personal experience, life values and attitude. In order to help students develop a sense of belonging to the school, build leadership skills and get along well with their schoolmates, the G7 and G8 orientation camps were held at the start of the semester. In each week, one lesson is allocated for mentorship and two lessons are allocated to adolescent growth for G7 to provide necessary support to students. For G8, 2 lessons per week are allocated for the leadership training program in which external service is provided to deliver leadership training to students. Teachers and other speakers are also invited to deliver talks and briefing during the allocated time.

Various leadership training programs and community services were established to let students develop their strengths, leadership, and problem-solving skills; community services to elderly centres let students learn to care and love for others and make a contribution to the community. Our school has built a positive and harmonious school environment by having a strong culture of parent-school engagement. The Parent-Teacher Association (PTA) was very supportive to our school. A number of school-wide activities were jointly organized by the Moral Education Group and the PTA this year and there was a high number of parents and teachers participating in the events.

#### School social worker

Our school works closely with the Hong Kong YWCA to support student development. The organization appoints a social worker to our school, who provides counselling to students in need, communicates and gives advice to students, parents and teachers, she also organizes and coordinates the orientation camp, breakthrough camp and the leadership training programs.

#### Strong culture of parent-school engagement

The Parent-Teacher Association (PTA) was very supportive to our school. A number of school-wide activities were jointly organized by the Moral Education Group and the PTA this year and there were a high number of parents and teachers participating in the events. Besides the PTA meetings, there were Parents' Night for the effective communication of parents, class teachers, and schools at the beginning of the academic year which was important for the holistic development of students.

#### Channels of communication with parents

Our school has multiple channels to communicate with parents including the e-notice, *G.T. Blog*, *G.T. Newsletter*, class representative communication, telephone conversation, e-mails, and the WhatsApp group.

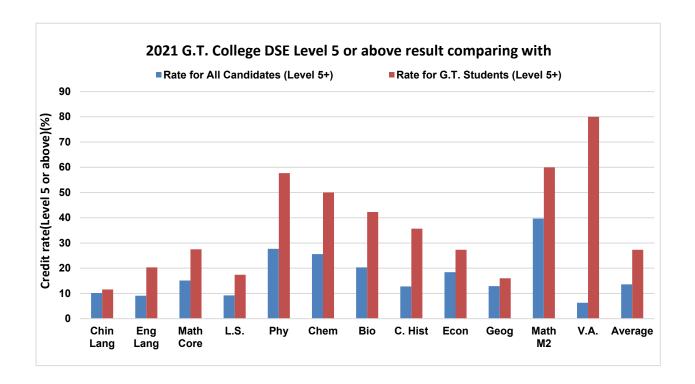
#### **Financial Assistance**

The school provides a financial assistance scheme for needy students. This year, more than 10% students were eligible for the assistance.

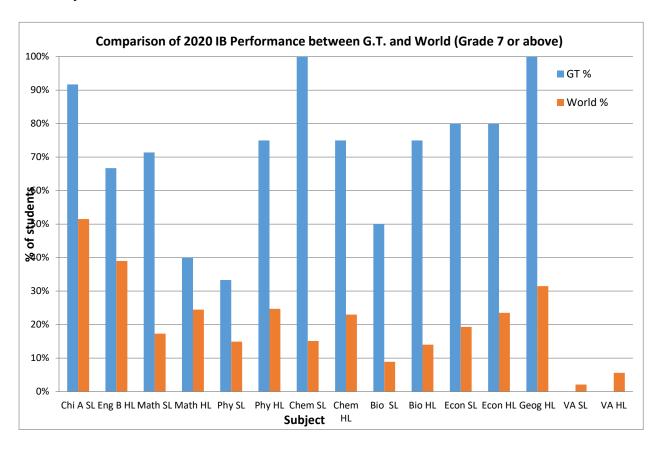
家庭收入	(每年)	減免	/#±±+	
一名子女入讀優才	多名子女入讀優才	2-3 人家庭	4人或以上家庭	備註
\$0 - \$210,000	\$0 - \$250,000	100%	100%	
\$210,001 - \$270,000	\$250,001 - \$370,000	70% - 95%	80% - 100%	視乎個別家
\$270,001 - \$340,000	\$370,001 - \$490,000	50% - 70%	60% - 80%	庭經濟情況
\$340,001 - \$400,000	\$490,001 - \$610,000	30% - 50%	40% - 60%	為定
\$400,001 - \$530,000	\$610,001 - \$790,000	0% - 30%	0% - 40%	

# (5) Student Performance

Summary of the 2021 HKDSE Results is as follows:



## Summary of the 2020 IBDP Results is as follows:



# A brief summary of achievements in extra-curricular activities is as follows:

		English	Language	
Class	Students	Organisers	Events	Award
10A	Sian Lee	The Hong Kong Federation of Youth Groups	The Hong Kong Federation of Youth Groups - English Public Speaking Contest 2020	First Runner-up of the Junior Division
10A	Sian Lee	China Daily Group	"21st Century Cup" National English Speaking Competition Grand Final 2020	First Prize
11C	Brayden Fan	Department of Justice	Department of Justice Mediation Essay Competition 2020	First Runner-up
12A	Marcel Hui	Department of dustice	Department of dustice Mediation Essay Competition 2020	Merit
		72 <sup>nd</sup> HK Schoo	ols Speech Festival	
10A	Sian Lee		N194 Public Speaking Solo	First Place
7D	Christie Leung		U37 Solo Verse Speaking (non-open)	First Place
9E	Reena Wong		U43 Solo Verse Speaking (non-open)	Second Place
7A	Darbie Fok		U37 Solo Verse Speaking (non-open)	Merit
7A	Adrian Chu		U62 Solo Verse Speaking (non-open)	Merit
7A	Isaac Lai		U62 (5) Solo Verse Speaking (non-open)	Merit
7A	Hei Lam Tse	The Hong Kong Schools Music and	U37 Solo Verse Speaking (non-open)	Merit
7E	David Wong	Speech Association	U62 Solo Verse Speaking (non-open)	Merit
8A	Katie Wong Avis Mak	- Opecuti / Issociation	N223 Dramatic Duologue	Merit
8D	Zhena Tse		N193 Public Speaking Solo	Merit
9D	Bruni Leung		U43 Solo Verse Speaking (non-open)	Merit
10C	Iris Tsang		U45 Solo Verse Speaking (non-open)	Merit
10D	Hebe Kan		U45 Solo Verse Speaking (non-open)	Merit
10D	Clovis Lee		U67 (2) Solo Verse Speaking (non-open)	Merit
12A	Marcel Hui		N196 Public Speaking Solo	Merit
9A	Maggie Lam			High Distinction
9A	Yancy Chan			Distinction
9C	Josh Ho			Distinction
9D	Olivia Chan	International Competitions and	International Competitions and Assessments for Schools	Distinction
9D	Belovffy Liu	Assessments for Schools (ICAS)	(ICAS) English (Reading) 2021	Distinction
9D	Forrest Lo			Distinction
9E	Reena Wong			Distinction
9D	Zarine Wong			Merit

	Chinese Language							
Class	Stu	dents		Organisers	Events	Award		
9D	廖	家翹		大公報	全港中小學 (漫長的疫假)徵文比賽	季軍 (初中組)		
7A	鄧	雪晴		香港朗誦協會	第72屆香港朗誦節	詩詞獨誦冠軍		
8E	劉	劉譽帽		香港朗誦協會	第72屆香港朗誦節	詩詞獨誦季軍		
7D	張懿天			香港朗誦協會	第72屆香港朗誦節	散文獨誦季軍		
9F	陳綽賢			【第7屆創意總動員2021】 【從閱讀到寫作—學界寫作比賽】	樂思出版社	銅獎		
7A	朱	竣暘						
7B	張斯樂		高雅楠	General Aptitude		#77.672 → ## +# → # A# A		
7C	李卓頤 柯	雋謙	羅奕	Putonghua Shuiping Kaoshi	中普試 (2021年度)	超級卓越成績A (四卷均獲A)		
7D	林靖怡		陳思捷	(GAPSK)		(四世月渡A)		
7E	嚴梓蕎 康	晉誠	李政言					
9F	陳綽賢			魯迅青少年文學獎	第十二屆魯迅青少年文學獎 香港賽區	特等獎		

		Mathema	atics and Sciences			
					Award	
Class	Students	Organisers	Events	Heat round	Second round	Final
7A	Isaac Lai			Gold	Silver	Silver
7A	Hailey Ng			Gold	Gold	
7A	Alain Cheung			Gold	Silver	
7A	Michael Chiu			Silver	Bronze	
7B	Marcus Chan			Silver	Bronze	
7C	Bernice Lei			Silver		
7C	Alvin Or			Bronze		
7C	Nathan Ching			Bronze	1 -	
7C	Chloe Yeung		A CONTRACTOR OF THE CONTRACTOR	Bronze	Merit	
7D	Curtis Wong			Bronze	Bronze	Silver
7E	Sanders Kwok			Silver		
7E	Brian Yung			Silver	Merit	
8A	Charlie Tam			Silver	e.n	
8A	Tiana Ng			Silver		
8B	Egan Wong			Gold	Gold	Gold
8C	Vincy Kwok			Bronze	Oolu	Oolu
8C	Coco Liu			Bronze	Merit	
8E	Jasper Chang			Silver	WiChit	
8E	Yuto Lau			Bronze		
9A	Hayden Yung			Gold	Silver	
9A				Bronze	SIIVEI	
9A	Andes Cheung Johnson Wong	Olympiad Champion Education Centre	Thailand International Mathematical Olympiad	Bronze	Merit	
9C		Olympiad Champion Education Centre	2020	Silver	MICHI	
9C	Alex Yee					
	Marcus Leung			Silver		
9D	Matthew Chan			Gold		
9D	Nicholas Wong			Gold		
9D	Chloe Chui			Gold	D	
9D	Forrest Lo			Silver	Bronze	
9D	Zarine Wong			Silver		
9E	Conan Tse			Gold	0.11	6.11
9E	Ryan Hu			Gold	Silver	Gold
9E	Mark Pang		//	Silver		
9F	Anson Lee			Silver	5.1	
10D	Carson Cheng			Silver	Silver	
10D	Daniel Wai			Silver	4	
11D	Christine Lau			Gold		
11D	Jocelyn Tsui			Silver		
11D	Viann Lee			Silver		
11D	Hewitt Yu			Silver		
11D	Longkit Yau			Bronze	Silver	
11D	Martin Liu			Bronze	Silver	Gold
11D	Jenna Tang			Bronze	/	
11D	Owen Liu			Bronze		
			Champion of 1st Stage in HK			

		1	Mathematics and Sciences			
					Award	100
Class	Students	Organisers	Events	Preliminary round	Heat round	Final
7A	Isaac Lai			1st Prize	2 <sup>nd</sup> Prize	1st Prize
7A	Hailey Ng			1st Prize	3™ Prize	3 <sup>rd</sup> Prize
7A	Michael Chiu			1st Prize	3™ Prize	
7B	Marcus Chan			2 <sup>nd</sup> Prize	3 <sup>rd</sup> Prize	
7C	Bernice Lei			3™ Prize	3™ Prize	
7C	Chloe Yeung			3™ Prize		
7D	Curtis Wong			2 <sup>nd</sup> Prize		
7E	Sanders Kwok			1st Prize	7/11/2/	
8A	Hiram Chan			2 <sup>nd</sup> Prize		
8A	Tiana Ng			3™ Prize		
8B	Egan Wong			1st Prize	1st Prize	3 <sup>rd</sup> Prize
8C	Coco Liu		Guangdong-Hong Kong- Macao Greater Bay Area Mathematical Olympiad 2021	3™ Prize		1
8D	Patrick Liu			2 <sup>nd</sup> Prize		
8E	Yuto Lau			2 <sup>nd</sup> Prize		
9A	Andes Cheung			2 <sup>nd</sup> Prize	3™ Prize	
9A	Johnson Wong			3 <sup>rd</sup> Prize	3 <sup>rd</sup> Prize	
9A	Hayden Yung	Olympiad Champion Education Centre		1st Prize		
9A	Davy Lee			3 <sup>rd</sup> Prize		
9D	Nicholas Wong			1st Prize		
9D	Matthew Chan			1st Prize		
9D	lan Tam			2 <sup>nd</sup> Prize		
9E	Ryan Hu			1st Prize	1st Prize	3 <sup>rd</sup> Prize
9E	Conan Tse			1st Prize		
9E	Mark Pang			1st Prize		
9F	Dickson Chan			2 <sup>nd</sup> Prize	3 <sup>rd</sup> Prize	
9F	Anson Lee			3™ Prize		
10C	Gabriel Leung			2 <sup>nd</sup> Prize	1st Prize	2 <sup>nd</sup> Prize
10D	Carson Cheng			1st Prize	2 <sup>nd</sup> Prize	2 <sup>nd</sup> Prize
11D	Martin Liu			1st Prize	2 <sup>nd</sup> Prize	
11D	Longkit Yau			1# Prize	3 <sup>rd</sup> Prize	3 <sup>rd</sup> Prize
11D	Christine Lau			1st Prize		
11D	Jocelyn Tsui			2 <sup>nd</sup> Prize		
11D	Kevin Cheung			2 <sup>nd</sup> Prize	(A)	

		Mathema	atics and Sciences		
Class	Students	Organisers	Events	Awa	
7A	Isaac Lai			Heat round Gold	Second round Bronze
7A				Gold	Silver
	Hailey Ng				Silvei
7B	Marcus Chan			Bronze	
7C	Bernice Lei			Silver	Dranza
7D	Curtis Wong			Bronze	Bronze
7E	Brian Yung			Bronze	Merit
8A	Hiram Chan			Silver	
8B	Egan Wong			Gold	Gold
8C	Coco Liu			Bronze	
8D	Patrick Liu	Olympiad Champion Education Control	Hong Kong International Mathematical	Silver	
9A	Andes Cheung	Olympiad Champion Education Centre	Olympiad 2021	Silver	Silver
9A	Johnson Wong			Bronze	
9A	Davy Lee			Bronze	
9D	Nicholas Wong			Gold	
9E	Ryan Hu			Gold	Gold
9E	Mark Pang			Silver	
10C	Gabriel Leung			Gold	
10D	Carson Cheng			Silver	
11D	Martin Liu			Gold	Silver
11D	Kevin Cheung			Silver	
11D	Longkit Yau			Silver	Silver
7A	Isaac Lai		Asia International Mathematical Olympiad Open Contest 2021	Silver	
7A	Hailey Ng			Gold	
7B	Marcus Chan			Silver	
8D	Patrick Liu			Bronze	
7B	Marcus Chan		Hong Kong Mathematical Games Open 2021	Silve	er
7A	Isaac Lai	Hong Kong Mathematical Olympiad Association		2nd prize	
7A	Hailey Ng	, 1000 01411011		1st pr	ize
7B	Marcus Chan		"華夏盃"全國數學奧林匹克邀請賽2021	2nd p	rize
8B	Egan Wong		(華南賽區)	1st pr	ize
8D	Patrick Liu			3rd pr	rize
9D	lan Tam			2nd p	rize
12C	Alpha Jo		YHSA 2020 Math Stream	Final	ist
12D	Pok Hang Lai	ST Yau High School	THOM 2020 Maut offeath	Final	ist
11D	Martin Liu	School Science Award (YHSA), The Hong Kong Young Academy		Final	ist
11D	Long-kit Yau	of Sciences	YHSA 2020 Physics Stream	Final	ist
11D	Andy Cheng			Final	ist
12A	John Leung	International Physics Olympiad	International Physics Olympiad 2020-21	Silver N	Medal
	G7-G11	Olympiad Champion	Guangdong-Hong Kong-Macao Greater Bay Area Mathematical Olympiad Preliminary Round 2021 (Hong Kong Region) 粵港澳大灣區數學競賽預選賽 2021 (香港賽區)	15 First 11 Secon 7 Third	d Prize

		Mathema	atics and Sciences	
Class	Students	Organisers	Events	Award
	Isaac Lai			
	Hailey Ng			
	Alain Cheung			
	Sanders Kwok			
	Bernice Lei			
1	Michael Chiu			3 Gold
G7	Marcus Chan			5 Silver 4 Bronze
	Brian Yung			4 BIOIIZE
	Alvin Or			
	Nathan Ching			
	Chloe Yeung			
	Curtis Wong			
	Egan Wong			
	Charlie Tam			
	Tiana Ng			4.0-14
G8	Jasper Chang			1 Gold 3 Silver
00	Yuto Lau			3 Bronze
	Vincy Kwok			
	Coco Liu			
	Hayden Yung	Champion Olympiad Education Centre,	Thailand International Mathematical Olympiad	
	Timothy Chan	Thailand Math Society	Timo 2020-21 Heat (HK)	
	Conan Tse			
	Ryan Hu			
	Nicholas Wong			6 Gold
G9	Forrest Lo			6 Silver
	Alex Yee			2 Bronze
	Zarine Wong			
	Marcus Leung			
	Anson Lee			
	Andes Cheung			
	Johnson Wong			
	Christine Lau			
	Nicholas Cheng			
	Jocelyn Tsui			
	Daniel Wai			
10-11	Viann Lee			1 Gold 5 Silver
10-11	Hewitt Yu			4 Bronze
	Longkit Yau			. 5.020
	Martin Liu			
	Jenna Tang			
	Owen Liu			
97-12	G.T. Students	Champion Olympiad Education Centre, Thailand Math Society	Thailand International Mathematical Olympiad Timo 2020-21 Qualified (HK)	2 Gold Prize 7 Silver Prize 4 Bronze Prize 4 Merit Prize
97-11	G.T. Students	Olympiad Champion	Guangdong-Hong Kong-Macao Greater Bay Area Mathematical Olympiad Preliminary Round 2021 (Hong Kong Region) 粤港澳大灣區數學競賽預選賽 2021 (香港賽區)	15 First Prize 11 Second Prize 7 Third Prize
97-11	G.T. Students	Olympiad Champion	Guangdong-Hong Kong-Macao Greater Bay Area Mathematical Olympiad Qualified Round 2021 (Hong Kong Region) 粤港澳大灣區數學競賽選拔賽 2021 (大灣區賽區)	3 First Prize 2 Second Prize 8 Third Prize
	Christine Lau	The Hong Kong Academy for Gifted		First Honour
11D		Education (HKAGE),	Hong Kong Physics Olympiad 2020	
	Longkit Yau	Education Bureau (EDB)		Honorable Mention
	Andy Cheng			
11D	Martin Liu	Mahidol Wittayanusorn School (MWITS),	Thailand International Science Fair (TISF)	Participation
	Owen Liu	Thailand	2021 (Physics)	
	Owell Liu			
12A	John Leung	Pan Pearl River Delta Physics Olympiad	Pan Pearl River Delta Physics Olympiad	First Prize

		Mathematic	s and Sciences	
Class	Students	Organisers	Events	Award
12D	Vinson Szeto	Education Research (EDD)		Bronze medal
11A	Leung Chun Fung	Education Bureau (EDB)	European Physics Olympiad 2020	Honorable Mention
11D	Ocean Tsang	Education Bureau (EDB)	International Biology Olympiad Challenge 2020	Silver medal
	Cheuk Hei Chan			The Best potential
10C	Kary Chan	The Hong Kong Federation of Youth Groups (HKFYG)	Hong Kong Student Science Project Competition (HKSSPC)	Award of junior
	Iris Tsang		Ç.M.C.C.	division
9D	Caleb Chan			and the second
9E	Ryan Hu			
9D	Forrest Lo	Education Rureau (EDR)	International Junior Science Olympiad 2021 –	First Class Honour
9E	Conan Tse	Education Bureau (EDB)	Hong Kong Screening	
9D	Nicholas Wong			
9C	Alex Yee			Third Class Honour
9D	Zarine Wong	Ritsumeikan High School, Japan	Japan Super Science Fair Online 2020: Science Showdown	Second Prize
12D	Jade Ho		Hong Kong Biology Literacy Award (2020/2021) (HKBLA)	
12D	Ricky Chan			
12D	Abby Wong			Second Class Honour
11A	Truman Yeung	Hong Kong Association for Science and Mathematics Education (HKASME)		
11A	Jeremy Lee			
12D	Ocean Tsang			Third Class Honour
11D	Christine Lau			Third Class Honour
7D	Leroy Wong			
7E	Natalie Chui			
8A	Buzz Wong	藍天綠地在香港	全港學界再生能源STEM設計比賽2020	季軍
9D	Forrest Lo			
9E	Reena Wong			
9D	Forrest Lo			
9D	Nicholas Wong			2 Top in Hong Kong
9C	Alex Yee			2 Top in Hong Kong as Medal Winners
9F	Abby Wong	The University of New South Wales	International Competitions and Assessments for	3 High Distinction 5 Distinction
9D	Matthew Chan	(UNSW)	Schools (ICAS): Science Assessment	9 Credit
9A	Maggie Lam			1 Merit
9E	Ryan Hu			
9A	Yancy Chan			

X	1837	Mathematic	s and Sciences	/-/-
Class	Students	Organisers	Events	Award
				Backstroke Swimming: First and Second places
				Butterfly Stroke Swimming: First and Second places
	7B Tim Shum 7D Leroy Wong 7D Aaron Chow 8D Lawrence Choi			Freestyle Swimming: First and Second places
		Leroy Wong Aaron Chow  HK Robotic Olympiad Association	HK Robotic Olympiad 2021 Ocean Exploration and	Breaststroke Swimming: Third and Fourth places
7D			Land-based Robot Competition	Medley Relay Swimming: First and Second places
				Ladder Climbing: Champion and First Runner-up
				Sled Race: Second Runner-up and Third Runner-up
				Horizontal Bar Climbing: Champion and Second Runner-up
7D	Leroy Wong			
9D	Forrest Lo	香港科技創新教育聯盟	第三屆未來工程師大賽	高中組: 優秀獎
7E	Natalie Chui			
G.	T. (Ellen Yeung) College	Hong Kong New Emerging Technology Education Association	The Greater Bay Area STEM Excellent Award 2020	Best 10 STEM Schools
	Dr. Christine Yu	(HKNETEA)	(Hong Kong)	Best 10 STEM Teachers
G.	T. (Ellen Yeung) College	Hong Kong New Generation Cultural Association	23rd Hong Kong Youth Science & Technology Innovation Competition 2021	Outstanding STEM School

	Humanities and Liberal Studies						
Class	Students	Organisers	Events	Award			
12C	謝梓蕎	<b>毛进上镇市民区市开东</b> 宁镇区上级四户镇全	<b>年1. 日入汝本師本序度よ71798歳歌台 側</b>	高級組一等獎			
12C	劉一橋	香港大學中國歷史研究文學碩士課程同學會	第十一屆全港中學中國歷史研習獎勵計劃	高級組三等獎			
	陳雅詩						
12C	簡瑞琳	基督教協基會黃埔綜合青少年服務中心	主場國情智問智答比賽	全對獎			
	劉一橋						
10C	黃俊曦	香港樹仁大學	香港聯校調解競賽 2021				
10C	容喆生			冠軍			
10C	梁天行			戏单			
11D	徐若桐						
11A	葉朗軒						
11B	劉卓軒			Best 10 teams			
11C	樊晉熙			in Hong Kong			
11D	方鍵文	Young Entrepreneurs Development	VDOL AN IO O WY TA PRIMINE				
11A	林頌晞	Council (YDC) 青企局	YDC InnoMind® Competition 青企局點創®比賽				
11B	高煜明			Best 10 teams			
11D	黃景臻			in Hong Kong			
11D	余培堅						

		Humanities	and Liberal Studies	
Class	Students	Organisers	Events	Award
8C	陳泇希	樹賢基金有限公司 Surein Foundation Ltd		冠軍
8A	余欣穎			季軍
9B	陳芷語		環保常識問答比賽	優異獎
11B	詹綺婷			優異獎
11C	吳欣桐			優異獎
11D	趙思晴	香港青年培育協會	「一國兩制」與《基本法》標語創作比賽	優異獎
11D	劉若芊	香港大學法律學院	and the first the book of the first and the	冠軍
10A	楊茜渝	Faculty of Law	香港大學法治教育徵文比賽2020	優異獎
10B	Ellie Siu			Gold Award
10C	Gabriel Leung		International Economics Olympiad Winter Challenge 2021	Silver Award
10D	Daniel Wai			Silver Award
10C	Katie Wu	International Economics Olympiad (IEO)		Bronze Award
10D	Jessie Fung			Bronze Award
10D	Sophie Fung			Bronze Award
10D	Hebe Kan			Bronze Award
11A	Ronald Yip	Po Leung Kuk	Po Leung Kuk "Build Your Career – Youth Enterprise Pioneering Project"	Best Leadership Award
11C	Kaleen Chang	Hong Kong Association for Economics Education (HKAEE)	HKAEE Economics Cartoon Design Competition 2021	Merit Award
9A	Ynes Lai			
9C	Flora Wong	The Boys and Girls Clubs Association	Youth Impact Award	Best Cooperation
9C	Fiona Wong	of Hong Kong		Team Award, Silver Medal
9E	Crystal Wong			
10B	Ellie Siu	International Economics Olympiad	International Economics Olympiad 2020 (Open Track Competition)	15 <sup>th</sup> out of 101 in Financial Literacy and 26 <sup>th</sup> out of 79 in Economics
10D	Sophie Fung	(IEO)		29 <sup>th</sup> out of 101 in Financial Literacy and 19 <sup>th</sup> out of 79 in Economics

Sports						
Class	Students	Organisers	Events	Award		
12D	Jade Ho	Hong Kong Archery Association	63th Festival of Sport – Archery Championship	Champion of Girls' Recurve Bow		
12D	Jade Ho	Hong Kong Schools Sports Federation	Bank of China Hong Kong Archery Cup	Champion of A Grade Girls' Recurve Bow		
10D	Gavin Chau	The Judo Association of Hong Kong. China	Hong Kong Judo Championships 2021	2 <sup>nd</sup> Runner-up of Men -55kg		
	Sophie Ko	Y2Y Orienteering Development and Training Limited	Park Orienteering Tournament 2021 – Stage 1	2nd Runner-up of WB Class		
9F			Park Orienteering Tournament 2021 - Stage 2	2 <sup>nd</sup> Runner-up of WB Class		
			Park Orienteering Tournament 2021 – Stage 3	2 <sup>nd</sup> Runner-up of WB Class		
12B	Jojo Yu	A.S. Watson Group	A.S. Watson Group Hong Kong Student Sports Awards	Scholarship Award		

	Music							
Class	Students	Organisers	Events	Award				
12C	劉一橋	2020華藍不在微山東	CADA Creative Arts and Development	作曲公開組—冠軍				
8E	梅紫呈	2020菁藝盃音樂比賽	Association	弦樂四級組—金獎				
8E	Lau Yat Po	Trinity Hong Kong Music Exam	Trinity Hong Kong Music Centre (THKMC)	Piano ATCL Distinction				
12C	Vanessa Lau	International Music Talent Competition 2020	International Fringe Association	Gold Award				
12C	Vanessa Lau	The Sound Color of "Wind"	International France Association	Silver Award (Composition Categories)				
10D	Hebe Kan	International Music Composition Competition	International Fringe Association	Silver Award (Composition Categories)				
10C	Jaison Yung		Hong Kong Virtuosos Music Association (HKVMA)	Solo Strings Youth's Class in 2020 Champion				
7D	Christie Fung	The 11th Hong Kong Virtuoso Music Competition		Champion in Engamble Class				
7E	Iris Yim			Champion in Ensemble Class				

	Music				
Class	Students	Organisers	Events	Award	
7E	Iris Yim	The 11th Hong Kong Virtuoso Music Competition	Hong Kong Virtuosos Music Association (HKVMA)	Second in Grade 8 Piano Recital	
8E	Lau Yat Po	Joint School Music Competition 2020	Hong Kong Joint School Music Association	Secondary School Brass (Trumpet) Solo – Senior Silver Award	
10C	Jaison Yung	Associated Board of Royal School of Music	Associated Board of the Royal Schools of Music (ABRSM)	Grade 8 Recorder Pass with high distinction	
10A	Sian Lee	青協文化藝術組 「明撐作!」音樂創作挑戰	明愛專上學院	Top 3 in Hong Kong	
10A	Sian Lee	Jamintheroom	Jamintheroom Entertainment	音樂人 / 藝人合約	
8E	Daniel Wong	JSMA香港聯校音樂大賽2021	中學弦樂(演奏組)	Gold Award ( The highest mark in this category)	
10C	Jaison Yung			Second in Descant Recorder Solo under 16 (W330)	
10C	Jaison Yung			Third in Treble recorder under 19 (W335)	
7C	Alvin Or			First in Treble recorder under 13 (E336)	
10C	Jaison Yung			Second in Recorder (Senior) (W325)	
10D	Hebe Yan				
10C	Jaison Yung	The 73rd Hong Kong Schools Music		Third in Cello (Intermediate) (N228)	
10C	Jaison Yung	Festival	Hong Kong Speech and Music Association	Second in flute solo (N412)	
7D	Thomas Lin			Third in Piano Grade 6 (U122)	
8E	Daniel Wong			Silver Award in Violin Performance	
8A	Dexter Lau			Silver Award in Violin Grade 5 (N214)	
9C	Bosco Lau			Silver Award in Dizi Solo - Secondary (N541)	
8B	Egan Wong			Silver Award in Sheng solo (Senior) (N554)	
7D	Louis Chan			Silver Award in Piano Grade (U117)	
7B	Sara Cheung		Global Arts, Sports and Culture Association	Champion in Secondary F1. F3 Piano	
7B	Sara Cheung	Global Children's and Youth Piano Competition		Champion in Secondary F1. Singing	
7B	Sara Cheung	Composition		網上人氣大獎—金獎	
7B	Begonia Lam	Associated Board of Royal School of Music	Associated Board of the Royal Schools of Music (ABRSM)	Grade 5 Theory pass with Merit	
7B	Begonia Lam	全港音樂表演藝術大賽	Creative Arts & Development Association	英國皇家音樂學院大提琴八級組	
8E	Lau Yat Po	WILH. STEINBERG青少年小提琴明 日之星	Parsons Music	中級組—銀獎	

### 優才書院周年財政狀況

### \_2019/2020 學年財政摘要

	政府撥款	非政府經費			
收入(佔全年整體收入的百分比)					
直資津貼(包括不計入直資學校單位成本的政府撥款)	64.44%	不適用 34.67%			
學費					
捐款(如有)	不適用	-			
其他收入(如有)	不適用	0.89%			
總計	64.44%	35.56%			
開支(佔全年整體開支的百分比)					
員工薪酬福利	86.	86.80%			
運作開支(包括學與教方面的開支)	2.29%				
學費減免/獎學金1	4.15%				
維修及保養	0.60%				
折舊	1.99%				
雜項	4.17%				
總計	總計 100%				
學年的盈餘/虧損#	全年開支的 1.64 個月				
學年完結時營運儲備的累積盈餘/虧損#	全年開支的	勺 8.75 個月			
# 相等於全年整體開支的月數					

 $<sup>^{1}</sup>$  學費減免/獎學金的開支百分比,是根據學校的<u>全年整體開支</u>計算。有關百分比, 與教育局要求學校根據<u>學費收入</u>計算的學費減免/獎學金撥款百分比(不得少於 10%) 不同。

<sup>☑</sup> 現確認本校已按教育局要求,預留足夠撥款作學費減免/獎學金計劃之用(如適用,請在方格內加上「✔」號)。

## (7) Feedback on Future Planning

- The use of information technology in the teaching and learning has been quickly adopted due to the COVID-19 pandemic. Teachers are able to provide interactive online lesson and create high quality video to facilitate students' learning. Improvement in teaching pedagogy will be continued. Vertical integration of STEM curriculum among primary and secondary sections in the field of AI and Robotic has been fostered and showing good learning outcomes. Vertical integration of STEM curriculum will be continued and further strengthened.
- Curriculum of accelerated class and GT programs in STEM was refined to integrate emerging technologies with advances in the learning. Additional resources such as VR, robotics, 3-D printing and coding were provided to facilitate the learning. Thus students' awareness of the digital revolution and its impact on the future development of economy and society is enhanced. They are actively participated in different STEM competitions and achieved remarkable performances. They are also actively participated in different international science fairs to showcase their innovative ideas and collaborate with others to solve problems. The implementation of STEM curriculum in STEM classes will be continuously updated to keep pace with the changing need of society.
- With teachers' growing professional capacity and experience in the field of technology and connections between school, tertiary institutions and industries, more collaborations in research project development for students will be fostered which provide more opportunities for students to integrate and apply STEM knowledge and skills to address real world problem using creativity and innovation. Since research project is in team basis, communication and collaboration skills of students need to be strengthened.
- Student led activities have always been important to foster a positive, supportive and caring relationship among students. Also students' team work and leadership will also be promoted. Due to the COVID-19 pandemic, such activities were cancelled. With the resumption of face-to-face classes, more student led activities will be organized.
- COVID-19 pandemic has resulted in the stress and mental health problem of students, emotional health will be promoted to enhance students' attention to mental health and learn ways to deal with negative emotion.
- With regular publication of blogs, newsletters, and webpages, participation of international exchange programs, international science fairs, teaching sharings and education forums, different stakeholders, the public and international partner schools have a more detailed overview of GT values and image. The school will continue to engage parents and alumni in school activities and stay connected with global networks for knowledge and cultural exchange.