Kowloon True Light School
School Annual Plan
2023-2024

Major Concern 1: To nurture students to be visionary learners with an innovative and breakthrough spirit

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Persons in Charge	Resources	Seven Learning Goals
To introduce and promote the **core values of Visionary learners**	a. The theme of LTC is introduced during the assembly at the beginning of the school year： 破繭成蝶　**Breaking through, flying high** b. Theme quotes, core values and skills are introduced in morning assemblies. (i)Theme quote:「天行健，君子以自强不息。」《周易·乾象》 (ii)Core Values: CAPE 智勇勤毅 (Excellence 智, Courage 勇, Assiduity 勤, Perseverance 毅) c. The campus is decorated with the theme of "True Light. Breakthroughs". The school displays the related quotes and distinguished persons, thus creating a campus atmosphere. d. Souvenirs are produced to promote core values to students.	The assembly is conducted. Most students have an initial understanding of Visionary Learners Success in creating a campus atmosphere	School documents	Sep 2023 All year around	LTC LTC SPC		Breadth of knowledge Generic Skills

To develop a **curriculum** that nurtures students with the **core values of visionary learners**	a. The core values are promoted in Chinese History and History in junior forms, and in Chinese Language in senior forms. Details of the curriculum are as follows, **(i)S1:Ancient Civilizations (Breakthroughs in Human Civilization 人類文明的突破)** Learn about the four ancient civilizations and appreciate the leaps and bounds of breakthroughs. **(ii)中二級：尋真尋光(社會發展的突破)** 認識宋元明清時期婦女和經濟發展的突破。 **(iii)中三級：百年自強(國家困境的突破)** 從李鴻章洋務運動看如何堅持、抗戰老兵口述歷史看如何面對困難。 **(iv)中四級：《史記》的突破人生(個人環境的突破)** 透過閱讀司馬遷著作，深入探討突破人生的修養和德性。 指定選篇：《廉頗藺相如列傳》(智、勇) 延伸閱讀：《滑稽列傳》(智)、《蘇秦列傳》(勤)、《項羽本紀》(勇)、《報任少卿書》/《孔子世家》(毅) 延伸活動：《談突破》演講比賽	70% of the students indicated in KPM that they have a positive attitude towards learning and student growth. The teaching materials are developed. 90% of the curriculum are implemented.	School documents Lesson Observation Teaching Materials Students' assignments Feedback from students and teachers Meeting Minutes	Sep-Dec 2023	Chinese Language, Chinese History and History		Breadth of knowledge Generic Skills Language Proficiency National and Global Identity

	(v)中五級：我的破繭人生(個人成長的突破) 閱讀殷海光《人生的意義》，認識追求「真善美、理想、道德」的人生路向。 延伸活動：撰寫我的人生藍圖，締造突破人生。 b. Using the 8Q question framework, students are guided to explore and reflect on the concept of breakthrough in the context of their personal lives. 8Q: What, Why, How, Why can't, If not, Deviation Application, Reflection						
To organize **learning activities** to nurture students the **core values** of visionary learners	Different types of activities are organized to promote the four core values. a. **Excellence: Tokyo Smart City Study Tour** The overseas study tour is organized to learn how Tokyo applies advanced technology to promote urban development. b. **Assiduity: Evening Study Week/Study Challenge** An Evening Study Week/Study Challenge is organized to create an atmosphere of hard work on campus. c. **Courage: Outward Bound Programme** The programme is conducted to train students'	70% of the students indicated in KPM that they had a positive attitude towards learning and Student Growth		April 2024 Sept & Nov 2023 Nov 2023	LTC, STEM, Geography LTC LTC	Life-wide Learning Grant	Breadth of knowledge Generic Skills National and Global Identity Healthy Lifestyle Information Literacy

		courage and experience breakthroughs through challenging tasks.						Life Planning
	d.	**Perseverance: Running Girls 750** Teachers and students participate in the 750-meter run at the Charity Run to build perseverance together.			Feb2024	PE,SAC		
To foster students' **generic skills** about visionary learners	a.	In the Student Growth Handbook, students are introduced to the theme of the visionary learner: Compassion 仁愛, Progress 突破, Innovation 創新, Action 力行. (APIC)	The materials are developed. Most students have an initial understanding of creative thinking. Students' keen participation in activities	Observation Feedback from students and teachers	Sep 2023	LTC	Life-wide Learning Grant, DLG	Generic Skills Language Proficiency
	b.	In the Student Growth Handbook, students are introduced **SCAMPER Technique** for Creative Thinking: (S) substitute, (C) combine, (A) adapt, (M) modify, (P) put to another use, (E) eliminate and (R) reverse. The LTC holds a school assembly to introduce these skills in a fun and interactive way.						
	c.	A creativity checklist is included in the Student Growth Handbook to help students track their progress in five aspects: knowledge, attitude, skills, thinking and expression, thus enhancing their understanding of their creativity. It also			April 2024	Academy for Gifted Students of KTL		

	serves as a stimulus for students to enhance their creativity.						
	d. Design Thinking Training Workshop is organized by LTC to enhance students' understanding of design thinking for application in various areas such as community design, social and commercial service design.			Reading Festival	RPC		
	e. The RPC conducts reading sharing and promotion activities, for example, "Create a Story Together", "Travel in Time" and "Explore Infinity", to broaden students' horizons and inspire creativity.						
To develop a **curriculum** that nurtures students with the **skills of visionary learners**	a. Various subjects lead students to acquire skills and construct a broad and solid knowledge base, the cornerstone of innovation and creativity. For example, Project M2 in Life and Society, Values, We Value: JICS, Courtesy and Manners in True Light, etc. Teachers act as facilitators to guide students to think deeply and creatively. b. Feature curricula will be devised to nurture students' creativity: **(i)Biology:** The laboratories are renovated to strengthen the development of STEAM education. A DNA-	65% of the students and teachers indicate in KPM that they have a positive attitude towards learning	School documents Lesson Observation Teaching Materials Students' assignment Feedback	All year round	Different Subjects LTC		Breadth of knowledge Generic Skills Language Proficiency Information Literacy

related inquiry curriculum is developed to explore the use of different scientific approaches to learning. **(ii)Computer Literacy:** The Light Wall IT curriculum is developed to allow students to use programming skills to design different games and graphics. **(iii)Geography:** An Environment Task Force in Geography is set up to develop innovative local and global environmental policies or initiatives. **(iv)Economics:** Monocle is set up in S5 Economics to allow students to develop innovative solutions to solve macro-economic issues. **(v)Chinese Literature:** Through the appreciation of creative new poems, students are guided to use literary techniques such as association and imagery to create new poems.	The Lesson plan and teaching materials are developed. 90% of the curriculum is implemented.	from students and teachers Meeting Minutes Key Performance Measures (KPM)				

	(vi)Home Economics: Gift packaging lessons, knitting and floriculture lessons, and a Cheongsam class are incorporated in S1, S2 and S3 respectively. **(vii)Visual Arts:** In collaboration with HKU SPACE, UXUI design courses are organized for senior secondary Visual Arts students.							
To implement **Cross-curricular learning programmes** and organize **learning activities** to guide students to **practise their creativity.**	a.	Cross-curricular learning programmes are organized to guide students to practise their creativity by completing different learning tasks. **(i)S3:Culture and Innovation (智慧·文創)** Subjects: Chinese Language, English Language, Visual Arts and Music In this programme, students combine photography and writing skills to create creative writing pieces, and also participate in a composition course with lyric writing and melodic composition, chords, and orchestration. The learning outcome is a collection of creative works. To enrich their learning experience, students also participate in an Arts and Literature Tour.	70% of the students and teachers indicated in KPM that they have a positive attitude towards learning The Lesson plan and teaching	School documents Lesson Observation Teaching Materials Students' assignments Feedback from students and teachers	All year round	Different Subjects LTC CGC	Life-wide Learning Grant Life-Wide Learning Grant/ DLG	Breadth of knowledge Generic Skills Language Proficiency Life Planning Information Literacy

(ii)Science and Innovation(智慧·科創) Subjects: Science, Physics, Chemistry, Biology, Computer Literacy The STEM project-based learning is launched with 0.5 lesson as lesson time per week. Students work on projects using learning skills such as inquiry and invention. The learning outcome is a range of science and technology products, such as inventions and apps. To further support their learning, students participate in extended activities, such as visiting a science and innovation enterprise and attending the InnoTech Expo. **(iii) Enterprise and Innovation (智慧·企創)** Subjects: English, BAFS, Economics In this programme, S5 students participate in the Pitching Program, which is incorporated in the English-speaking curriculum. They also attend the Business Program organized by BAFS and Economics. To enhance their learning, students participate in extended activities such as visiting an enterprise and the Lunar New Year Market and Work Experience Day. The creative products will be sold at the school	materials are developed. 90% of the curriculum is implemented. Learning outcomes are created	Meeting Minutes Key Performance Measures (KPM) Feb,2024		

		carnival on 4 February and a Lattice shop will be set up on campus to showcase the students' learning outcomes, with proceeds going to charity. **(iv) Social Innovation (智慧・社創)** Through service learning, students apply design thinking and social innovation to solve problems in the community, and promote youths to take an active role in caring for the community and improving its well-being.				SAC,NSCC		
	b.	Creative products will be displayed at the school anniversary carnival. The cultural and creative works include stickers, memo pads, notebooks, while scientific and technological products include perfumes, mosquito repellent creams, 3D printed foods.						
To **offer platforms** for students to celebrate their **learning outcomes** that involve the	a.	The Breakthrough Seminar, a joint-school event where students from different parts of the territory interact with each other and explore the meaning of breakthrough in terms of personal emotions, talents and relationships, politics, culture and the environment, is organized.	Feedback from the teachers and students		Dec 2023	NSCC, LTC		Breadth of knowledge Generic Skills
				LTC	May-July	LTC		Language Proficiency

target skills	b. The Learning Outcome Expo is organized to showcase the learning outcomes of students who perform well in both formal and informal curricula. c. The English Department organizes students to create video dramas related to Visionary Learners and showcases them in the Wednesday morning assemblies and on the KTLS Academic Channel.		documents	2024 All year around	Different Subjects English Language Campus TV		
To provide **staff development opportunities** for teachers to learn and implement teaching ideas related to the target skills	a. Staff development Days are organized for teachers to familiarize them with the ideas of the related skills. b. Lesson studies are conducted in all subjects focusing on skills of nurturing students to become visionary learners. c. Lesson observation with the focus on developing students' deeper thinking skills and homework inspection are conducted to assess how students are developing into visionary learners.	Teachers show positive comments on activities The Teaching materials are developed. Lesson Plans are developed.	School Documents SDC documents Appraisal Form	All year around Oct-Dec 2023 April 2024	SDC LTC Different Subjects		

To promote the target skills through **parent education initiatives**	a.	Essential elements of the core values and skills are introduced in the Parent Online Classroom.	65% of the parents indicate in KPM that they have a positive attitude towards learning and student growth	Online Resources Documents		PTA SAC LTC		
	b.	Parent experiential activities, such as visiting innovation enterprises and participating in the science park experience day, are organized.						
	c.	A parents' workshop on "How to cultivate creativity" is arranged during the Parents' Academy sessions.						

Major Concern 2: To nurture students' talent in the STREAM disciplines by encouraging them to pursue excellence and develop critical and analytical thinking skills.

Targets	Strategies	Success Criteria	Methods of Evaluation	Time Scale	Persons in charge	Resources	Seven Learning Goals
To enhance students' ability to integrate and apply STREAM knowledge while fostering their creativity within the formal curriculum.	a. Featured STREAM project-based learning modules are developed in S3 Science curriculum. (i)Innovation project (ii)Research-based project b. Learning packages in the field of biotechnology are developed in S1-S2 (I.S.) and S3-S5(Bio) (i)S1: Mammalian cell cultivation and the application of gel electrophoresis in forensic science (ii)S2: Cultivation of Wagyu beef using 2D mammalian cell culture and the study on the inhibition of cancerous cell's growth by Chinese herbal medicine	Learning outcome sharing is conducted. At least one learning package is developed in each form.	Department documents Teaching Schedules Homework inspection	All year round	LTC STEM Coordinator Subject Departments	ADC Online resources Library	Breadth of knowledge Information Literacy

(iii)S3: Effects of antibiotics on bacteria and mammalian cells and the transfection of mammalian cells	
(iv)S4: mRNA vaccine and Polymerase Chain Reaction (PCR)	
(v)S5: DNA design and synthesis, use of liposomal nanoparticles and gene therapy	
c. AI and coding learning modules are developed in computer literacy in the junior forms. (i)Co-space learning module (ii)Light-wall coding learning module	At least one learning module is developed.
d. Seed-project on mathematical modelling is organized in senior form classes in collaboration with EDB and the Mathematics Department	Teaching materials are developed.

	e. Extended reading and sharing activities are introduced in S1-S3. (i)Science journals/ magazines (ii)Research papers/ articles (iii)STEM documentaries						
	f. Amazing science activities are incorporated in S1-S2 (I.S.) to boost students' motivation.	At least one activity per chapter					
To improve students' learning and research skills through infrastructure and resource enhancements	a. Two Biotech laboratories are built to facilitate science research programmes	Renovation is completed.	Department documents	All year round	LTC STEM Coordinator Bio/I.S. Panel Heads	ADC External organizations	Breadth of knowledge
	b. Recruitment of assistant teacher to support STREAM teaching and learning	Feedback from teachers and students	Teaching schedules Feedback from students and teachers				
	c. Professional biotech research equipment is equipped in laboratories.						
	d. New-generation interactive e-blackboards are installed in the classrooms to facilitate teaching.						

	e. Recruitment of additional teaching assistants to support STEM teaching and learning						
To nurture talented students to pursue excellence and develop their skills in the STREAM disciplines	a. Cross-curricular activities (STREAM Hub) are organized in collaboration with other disciplines (e.g. Chinese, History, Chinese History, Home Economics, Music) (i)DIY jewelry workshop (ii)Food printing workshop (iii)Perfume workshop (iv)Observational astronomy class (v)Sound of Physics (vi)ChatGPT AI workshop	At least six activities are organized.	Department documents Teaching schedules	All year round	LTC SAC STEM Coordinator Panel Heads	ADC External organizations	Breadth of knowledge Information Literacy Generic Skills
	b. Professional training sessions are given to STEAM elites participating in different competitions. (i)A robotic team for RoboMaster Competition (ii)A mathematical modeling team (iii)Research training in collaboration with front-line STEM professionals	At least four workshops are organized At least one training session is held	Feedback from students and teachers				

	c. Students are encouraged to participate in various competitions. (e.g. Odyssey of the Mind, iGEM, RoboMaster) d. A research-based elite programme is organized in the biotechnology field for science students. e. A joint-school biotechnology research team is established to conduct research in synthetic biology. The team will join 2023 iGEM Competition's World Expo in Paris and present their findings there.	in each competition. At least one competition is joined in each STEM discipline.		Nov 2023			
To promote the learning atmosphere and widen students' horizons in STEM education	a. Excursions are held to widen students' horizons in STEM. (i)Tokyo Smart City Study Tour is organized to learn about how technology helps in promoting urban development. (STEM, Geography, LTC) (ii)iGEM World Expo in Paris (iii)STEM trip in the Greater Bay Area (e.g. Elite journey with GBAx, Space	At least one excursion is organized. Feedback from students and teachers	Department documents Feedback from students and teachers	April 2024 Nov 2023 All year round	LTC STEM Coordinator Panel Heads	ADC External organizations	Breadth of knowledge Information Literacy National and Global Identity Life planning

				All year round			
	Exploration STEAM camp / Ocean STEAM camp) (iv)Visit to sister schools under Sister School Scheme (v)True Light x Tramplus STEM activity is held for senior form students						
	b. Inter-class / inter-house STEM competitions are organized. (i)RoboMaster Competition (ii)Wooden Structure Competition (iii)Drone Competition (iv)STEM Challenge (v)Chinese Ancient Weapon DIY						
	c. Various activities are organized in the STEM Week with the theme of Four Cradles of Civilization (Innovation in Ancient China, Agriculture in Mesopotamia, Mathematics in Ancient India, Architecture in Ancient Egypt) to arouse students' interest. (i)STEM workshop (ii)Morning/School assembly (iii)Booth / board display			April 2024			

	(iv)Inter-class competition (v)Souvenirs d. University or site visits (for senior forms) and STEM Expo (i)InnoTech Expo (junior forms) (ii)GeronTech and Innovation Expo (junior forms) (iii)Local start-up / technology company (iv)Local STEM facilities (e.g. T-PARK / O-PARK1)			All year round			
To promote STEM education in KTLS	a. A publication is published to introduce STEM education in KTLS. (i)Featured STEM curricular (ii)Facilities in KTLS to enhance (iii)STEM teaching and learning (iv)Activities and achievements b. Knowledge sharing activity is held to showcase student achievements. (i)Research outcomes (ii)STEM product sharing	Publication is completed. Feedback from students and teachers	Department documents Feedback from students and teachers	March 2024 Jun 2024 Dec,2023	LTC SAC STEM Coordinator Panel Heads	ADC External organizations	Breadth of knowledge Generic Skills

	c. A parent workshop in STEM is held with PTA. d. A STEM outreach team is organized to provide interesting STEM workshops for primary schools. e. Pre-S1 Taster Programme is held to promote the STEM learning in KTLS to P6 students. (i)STEM Fun Day for primary schools (ii)STEM workshop (iii)RoboMaster workshop (iv)STEM competition (v)Souvenirs	Feedback from parents Feedback from participants		April 2024			
2.6 To foster collaboration with external partners	a. Professional articles in STEM knowledge written by teachers are published in Sing Tao (星島教室) b. School visits and professional dialogue are arranged to enhance staff development (i)　澳門培正中學	At least six articles are published Feedback from students and	Department documents Feedback from students and teachers	All year round	LTC SAC STEM Coordinator Panel Heads	ADC External organizations	Breadth of knowledge Life planning National and Global Identity

(ii) 民心中學 in Sister School Scheme	teachers		
c. Career expo including the STEM discipline is organized with GBAx for senior form students.	Feedback from participants		Nov 2023
d. SEED Foundation UXUI programme organized by HKU Space is joined by the Visual Art Department.			All year round

Major Concern 3: To foster students' values and qualities to become more confident and independent through diversified learning experiences

[Theme of the year: 破土新苗，綻放閃耀 'Breaking ground, blooming bright.']

Targets	Strategies		Success Criteria	Methods of Evaluation	Time Scale	Persons in charge	Resources	Seven Learning Goals
To provide positive learning experiences to enable students to view their intelligence not as an innate ability, but as a malleable quality that can be enhanced through diligence and learning	a.	To review the formal curriculum of the school's values education, including RE, LPE, PVE and TLB to foster students' belief in their strengths in all possible aspects, recognizing their multiple intelligence and understanding the provision of multiple pathways.	Students' keen participation in activities	Observation Feedback from teachers and parents Opinions collected during Buzzing Time, from Personal Growth Handbook, Bi-weekly Journals, KTL Sharing Time, Letters to the Principal and other sharing platforms	All year round	SAC DGC Subject Panel Heads NSCC RAC SDC IEC PTA S1 Form teacher and class teachers	Support from HKU, QEF, external professional organizations, celebrities, NGOs, alumni, parents.	Generic Skills Life Planning
	b.	To promote the application of goal-setting, risk-taking and self-evaluation strategies in students' learning and activities, as well as their daily life through school assemblies, training workshops and experiential activities.	Improvement shown in students' performance					
	c.	To encourage students to explore their aspirations, learn to set life goals, visualize the best possible outcomes, anticipate	Students give positive comments on activities					

	potential obstacles, and develop coping strategies when facing setbacks through a variety of extra-curricular activities and experiential activities: (i) Challenge Schemes in different domains, e.g. academics, leadership, music, performing arts, sports, visual arts etc. (ii) STAR Diary (Self-management skills, Teachable spirit, Aspiration, Resilience) (iii) "Be a Genuine True Light Bearer" (S1 Induction Programme: S1 Growth Camp, Sister Scheme, Orientation Week, S2-3 Junior Leader Programme, S4-5 Leadership Programme, S6 Mentorship Programme and Graduation Activities) (iv) Adopt the 4E Model (Exposure, Engagement, Enlightenment and Empowerment) systematically to groom talents through extra-curricular activities and student leadership d. To provide platforms for students to showcase their talents (i) Lunch performance at school (ii) Public performances such as at	A larger number of students joining training programmes and activities The different school teams recruit more students of a wider range of abilities				

	malls, hotels or the Disneyland (iii) Variety Show					
To cultivate the sense of belonging to school	e. To reinforce a positive school ethos and cultivate stronger bonding among different stakeholders of True Light through the celebration of the School Anniversary: (i)Photo Day (4 Sept) (ii)Kowloon True Light Alumnae Singing Contest & S6 Mentorship Programme (22 Sept) (iii)Guangzhou True Light Tour (Staff/Students) & Great Bay Area Alumnae Careers Expo (3-4 Nov) (iv)Anniversary Camp for all forms (1-2 Dec) (v)Information Day + Book Launch (10 Dec): ➢ Values, We Value: JICS ➢ Detective & Criminal Stories ➢ A book of history of Kowloon True Light School (vi)Charity Run + Walkathon + Newly Emerging Sports Fun Day + Bazaar + Carnival (4 Feb) (xii)True Light High-table Tea for elite students (Friday after Parents' Day) (viii)Tree-Planting Day (21/28 Apr)	A larger number of diverse stakeholders joining the activities Different stakeholders make positive comments on the activities	Statistics on the programmes/ activities organized Feedback from different stakeholders	Sept2023 Nov2023 Dec2023 Feb2024 Apr2024	SAC DGC NSCC CGC AA ECA EHEC SU PTA Class teachers	Generic Skills Life Planning National and Global Identity Healthy Lifestyle

	Anniversary Thanksgiving Ceremony + S1 Inauguration Ceremony & Musical (4 May) (ix)Anniversary Gala Dinner (4 May) (x)Variety Show & Mini Qipao Exhibition (8-9 Jul, tentative) (xi)Souvenirs: ➢ Perfume ➢ True Light Girls All Over The World postcards ➢ Music box ➢ Jewelry ➢ True Light CD (True Light Songs and students' works from a song composing course and music lessons.) ➢ Mini Qipao Keyring ➢ T-shirt, Jacket ➢ Folder, pen, tote bag (xii)Facebook/ Instagram			May2024			