



創知中學

Scientia Secondary School

14 Princess Margaret Road, Homantin, Kowloon

27144115

info@scientia.edu.hk

27610050

http://www.scientia.edu.hk

### School Mission

Our mission is to provide an all-round education which promotes the moral, intellectual, physical, social and aesthetic development of students and to nurture their sense of national pride towards China and Hong Kong. Our goal is to educate our students to become proactive, sincere, inquisitive and creative young people when they graduate. We advocate: The working class' diligence with the aspiration of the elite, loving our nation and thinking globally.

### School Information

Supervisor / Chairman of School Management Committee	Mr. Chai Chung Sum		
Principal (with Qualifications / Experiences)	Dr. Wong Ching Yung		
School Type	DSS	Co-ed	
School Motto	Proactive, Sincere, Inquisitive, Creative		
Name of Sponsoring Body	Hong Kong Workers' Educational Organization Ltd.		
Area Occupied by the School	About 5190 Sq. M	Religion	Not Applicable
Parent-Teacher Association	Yes	Past Students' Association / School Alumni Association	Yes

### Teaching Staff Information (including School Head) in the 2020/2021 School Year

Number of teaching posts in the approved establishment	-	
Total number of teachers in the school	55	
Qualifications and professional training (% of teaching staff)		
Teacher Certificate / Diploma in Education	85%	
Bachelor Degree	100%	
Master / Doctorate Degree or above	53%	
Special Education Training	31%	
Years of Experience (% of teaching staff)		
0 - 4 years	5 - 9 years	≥10 years
34%	15%	51%

### Subjects Offered in the 2020/2021 School Year

S.1 - S.3	Chinese as the medium of instruction	Chinese Language, Mathematics, Science (S.1-S.2), Life & Society, Chinese History, Geography, Computer and Information Technology, STEAM Education, Arts, Music, PE, School-based Integrated Physical Education (S.1-S.2), History (S.3), Physics (S.3), Chemistry (S.3), Biology (S.3).
	English as the medium of instruction	English Language
	Adopt a different medium of instruction by class or by group / school-based curriculum	S.1-S.2: Class A uses English as the medium of instruction in Mathematics, Science, Computer and Information Technology; Putonghua is the medium of instruction in some of the Chinese Language lessons; S.3: Class A uses English as the medium of instruction in Mathematics, Physics, Chemistry, Computer and Information Technology; Putonghua is the medium of instruction in some of the Chinese Language lessons.
S.4 - S.6	Chinese as the medium of instruction	Chinese Language, Mathematics, Liberal Studies, Physical Education, Arts, Music, Physics, Chemistry, Biology, Information and Communications Technology, Chinese History, History, Geography, Economics, Visual Arts (S.6), Tourism and Hospitality Studies (S.4 & S.5), Mathematics Extended Parts (Module 2), Applied Learning (S.5 & S.6).
	English as the medium of instruction	English Language
	Adopt a different medium of instruction by class or by group / school-based curriculum	English is for Mathematics, Mathematics Extended Parts and Chemistry according to students' ability.

## Subjects to be Offered in the 2021/2022 School Year

S.1 - S.3	Chinese as the medium of instruction	Chinese Language, Mathematics, Integrated Science (S.1-S.2), Life & Society, Chinese History, Geography, Computer and Information Technology, STEAM Education, Arts, Music, Physical Education, School-based Integrated Physical Education (S.1-S.2), History (S.3), Physics (S.3), Chemistry (S.3), Biology (S.3).
	English as the medium of instruction	English Language
	Adopt a different medium of instruction by class or by group / school-based curriculum	Putonghua as the medium of instruction for Chinese Language in Classes A and B. English and Chinese as the medium of instruction for Mathematics, Integrated Science, Physics, Chemistry and Computer and Information Technology in Class A.
S.4 - S.6	Chinese as the medium of instruction	Chinese Language, Mathematics, Liberal Studies, Physical Education, Arts, Music, Physics, Chemistry, Biology, Information and Communications Technology, Chinese History, History, Geography, Economics, Tourism and Hospitality Studies, Mathematics Extended Parts (Module 2), Applied Learning (S.5 & S.6).
	English as the medium of instruction	English Language
	Adopt a different medium of instruction by class or by group / school-based curriculum	English is the medium of instruction for Mathematics, Mathematics Extension Unit and Chemistry.

### Class Structure & Chargeable Fees (2020/2021)

	S1	S2	S3	S4	S5	S6
No. of Classes	4	4	4	4	4	4
School Fee	\$5,166	\$5,166	\$5,166	\$12,730	\$12,730	\$12,730
Tong Fai	-	-	-	-	-	-
Parent-Teacher Association Fee	\$20					
Student Union / Association Fee	\$30					
Approved Charges for Non-standard items	-					
Other Charges / Fees	-					
Remarks	-					

### S.1 Admission, Orientation Activities & Healthy School Life

<b>Secondary One Admission</b>
Our school will accept discretionary places. Our school will participate in the Secondary School Places Allocation System through central allocation stage (Applicable for admission to S.1 in September 2021). Interview (20%), Extra-curricular Activities & Awards (20%), Conduct & Attitude (30%), and EDB rank order list (30%).
<b>Orientation Activities and Healthy Life</b>
A two-days one-night orientation camp is organized on campus in late August for all F.1 students to allow them to get used to the new school environment as well as to build good learning habits. A briefing session is organized for the new students' parents to establish better home-school relationship, allowing our F.1 students to adapt to their school life.

**School Characteristics****School Management****School's Major Concerns:**

1. Strengthening moral education; establishing a disciplined yet loving learning environment;
2. Advancing teaching and learning techniques / strategies; reinforcing language education and reaching academic excellence;
3. Bettering school rules and regulations; creating a culture of harmonious, positive, proactive and organisational management.

**School Management Organisation:**

Based on the structure of cross-subject management, all teachers are assigned to various functional groups, including Academic Committee, Discipline Team, Guidance and Counselling Team, OLE Team, Civic Education Team, IT Team, Office and General Affairs Team, Career Planning Team, Staff Professional Development Team, School Image Promotion Team or Parent-Teacher Association, etc.

**Incorporated Management Committee / School Management Committee / Management Committee:**

DR. NG CHAU PEI, STANLEY  
 DR. CHOW MAN KONG  
 MS. AU YUN SHOON  
 MS. CHAN YUEN HAN, SBS, JP  
 DR. KING WONG  
 MR. WONG BAN LIT  
 MR. YIP SIU HONG NELSON, MH  
 MR. CHAI CHUNG SUM  
 MR. LAU HUNG KONG  
 DR. WONG, CHING YUNG

**School Green Policy:**

Lunch is prepared by our school canteen for students with provisions of reusable cutlery.

**Learning and Teaching Plan****Whole-school Language Policy:**

Since 2009 - 2010, we have fine-tuned our language policy. English is adopted as the Medium of Instruction for Maths, Integrated Science and Computer & Information Technology in some of our junior secondary classes. This policy will be evaluated regularly and gradually implemented at all levels of our Junior Secondary. This depends on the actual abilities of our students. Besides, Putonghua is currently adopted as the Medium of Instruction for Chinese Language in some Secondary 1 - 3 classes. In the near future, this policy is to be implemented to all Junior Secondary classes.

**Learning and Teaching Strategies:**

With a view to developing our School into a reading school, we make reading our school routines & regular events. e.g. S.1-S.2 Reading Festival and Daily Newspaper Reading Session. Students are exposed to global issues by reading newspapers. Once students have formed their reading habits, the school's reading culture is sustained.

Through the application of Co-operative Learning in everyday lessons, the pedagogy of Teaching and Learning will be advanced and effectively facilitated.

On top of the above-mentioned, we place emphasis on moral values, academic performance and whole-person development. The S.1-S.2 OLE course is one example for students to discover and cultivate their talents.

**School-based Curriculum:**

1. Electives: 2X. Physics, Chemistry, Biology, Chinese History, History, Geography, Economics, Information and Communications Technology, Mathematics Extended Parts (Module 2), Applied Learning and Tourism & Hospitality Studies.

2. Curriculum highlights: To help students effectively achieve their learning goals, our school's curricula designs are chiefly student-centered and school-based. We offer subjects like Life & Society and STEAM. We stress the use of original texts and the teaching of classical Chinese in the Chinese Language subject. We focus on students' subject knowledge acquisition, keeping in mind to cater for their learning diversities.

**Gifted education:**

We design diversified courses for the more able students, such as IMO classes, classes on camera drones, public speaking training for the gifted, mind training classes, etc. We also enroll students in courses for the gifted offered by some tertiary education institutes, to help students reach their full potential by building on their strengths.

**Development of the Four Key Tasks:****A Reading School**

We adopt the use of original texts in our text-based teaching scheme for the Chinese subject. Alongside our school-tailored teaching materials, we read with students some classical Chinese literature such as Three Kingdoms, The Scholars, Strange Tales of a Lonely Studio, and Records of the Grand Historian within the lessons. We sit down with students to set their learning goals and carefully watch their learning progress. We help students build their interest in reading and learn how to read strategically, fostering them into mature language self-learners with good attitude and habits.

**Life Planning Education:**

1. Through one-on-one counseling, group counselling, some life exploration activities and aptitude test, we consolidate our work in counselling students, helping students set their clear life goals and fulfil their dreams to study in universities.

2. Our school follows through our 6-year life planning program. Starting from teaching students the basic concept of life planning, to guiding them on subject selection, we help our students realize their every possible life path throughout and after secondary school by making wise decisions.

**Student Support****Whole School Approach to Catering for Learner Diversity:**

We offer a range of enhancement programmes, to cite a few, the Subject Enhancement Course and SEN homework support, to offer assistance to students with diverse learning needs.

**Whole School Approach to Integrated Education:**

We provide practical SEN support by effecting curricula and assessment adaptation, IEP, developmental counselling and social skills training workshops.

**Education Support for Non-Chinese Speaking (NCS) Students:**

Our school provides additional support for NCS students to facilitate their learning of Chinese: providing after-school support programmes in learning Chinese; and organising cultural integration activities.

**Measures to provide adaptation for Learning and Assessment:**

We offer appropriate learning and assessment adaptation for students with SEN. There are special exam rooms for some SEN students and some of them have exam time extension as part of their assessment adaptation.

**Fee Remission:**

Our school offers full school fee remission, 3/4, 1/2 or 1/4 school fee remission. Needy students, including those from families receiving the Comprehensive Social Security Assistance (CSSA) and students receiving financial assistance provided by the Student Finance Office of the Working Family and Student Financial Assistance Agency (WFSFAA), could apply for fee remission.

- Newly admitted students could apply for the school fee remission before 2 week(s) of commencement of the new school year. Application results will be announced within 2 month(s) after submission of applications. After parents have submitted application forms, we will assess the financial situation of students according to the assessment criteria set by the Student Financial Assistance Agency. Fee remission will be granted according to a priority list based on the assessment outcomes.

- Please visit the web-link in our school's website for details of school fee remission scheme, including the family income limits.

<b>Home-School Co-operation and School Ethos</b>
<b>Home-School Co-operation:</b> 1. Facilitating Home-School co-operation and Home Visits are our common line of practice; 2. Fostering Home-school co-operation by parent volunteers; 3. Organising regular seminars and school trips which are an impetus to Home-school communications.
<b>School Ethos:</b> Solidarity, Empathy, Confidence, Life Planning and Attitude and Behaviour We strive to nurture students to become responsible members in the family, reliable individuals in the society, contributive nationals in the country, visionary citizens in the world.
<b>Future Development</b>
<b>School Development Plan:</b> We are keen to develop a secondary school which pursues mutual love, excellence, an avid interest in reading and the love for our motherland, China and Hong Kong. In this School, 1. Mutual care and concern from teachers and students is exhibited and we see School as our second home. We work and study here and enjoy the positive and fruitful school life. 2. Learning and support prevails among teachers and students. We pursue excellence in both academic and moral values. 3. Reading is the fond hobby of teachers and students. We share the tips and skills of reading and thus a reading culture is prevalent in school. 4. Contribution to Hong Kong, China and the world is of paramount importance to every stakeholder in School who aims high and thinks big.
<b>Teacher Professional Training and Development:</b> 1. We focus on teachers' professional development. Consultants with subject expertise, like Chinese Language, English Language, Mathematics and Liberal Studies, are our learning partners. 2. We pay attention to the training of junior form teachers in the teaching strategies pertinent to Co-operative Learning. 3. We give senior form teachers ample exposure and guidance on Self-Regulated Learning. 4. We make strides in implementing school-based methodological study through the practice of learning circles and co-lesson planning. 5. We enhance school-based teachers' professional development through closely-knitted collaboration with tertiary institutes.
<b>Life-wide Learning (including Five Essential Learning Experiences to be provided through Key Learning Areas, Extra-curricular Activities, Co-curricular Activities, etc.)</b>
Our school has our own Student Union, Form Houses, and more than 20 functioning groups encompassing 5 different areas such as academics, arts, physical education, personal interests and services. We organize various school-wide activities regularly, such as sports days, singing contests, local and cross-border study tours, etc. We strongly encourage students to participate in many voluntary services inside and outside school, even mandating all Form Four and Form Five students to join some. We also offer students some 'life experimental tours' outside Hong Kong.
<b>School Facilities</b>
<b>School Facilities:</b> 30 multimedia classrooms, 2 computer rooms, an auditorium, a library, and 2 basketball courts. 34 regular classrooms, 12 special education rooms, 4 laboratories and 4 guidance and discipline rooms. All classrooms and special rooms are equipped with air conditioning and IT teaching equipment.
<b>Facility(ies) for Supporting Students with Special Educational Needs:</b> Ramp, Accessible lift and Accessible toilet.
<b>Others</b>
1. We adopt a whole-school approach with regard to counselling - all teachers are responsible for providing counselling and care to students. 2. We develop our School-based Integrated Physical Education (S.1-S.2). 3. We organize inter-discipline learning activities. 4. We have Students' Union, Form Houses, different clubs & societies to enable our students to become independent, confident, disciplined and articulate. 5. Scholarship and fee remission. Scholarships will be awarded to students with outstanding academic performance. Different kinds of fee remissions will be granted to students fulfilling the school-based criteria. Parents of awardees will be notified by writing in due course.
<b>Direct Public Transportation to School</b>
Bus: 2A, 3C, 7, 7B, 8, 9, 10, 13D, 16, 16X, 18, 24, 27, 41, 45, 72X, 81C, 95, 98C, 98S, 103, 113, 170, 182, 203E, 213D, 271, 296C, 796C, 796X, E21A. Minibus: 17M, 27M, 28M.