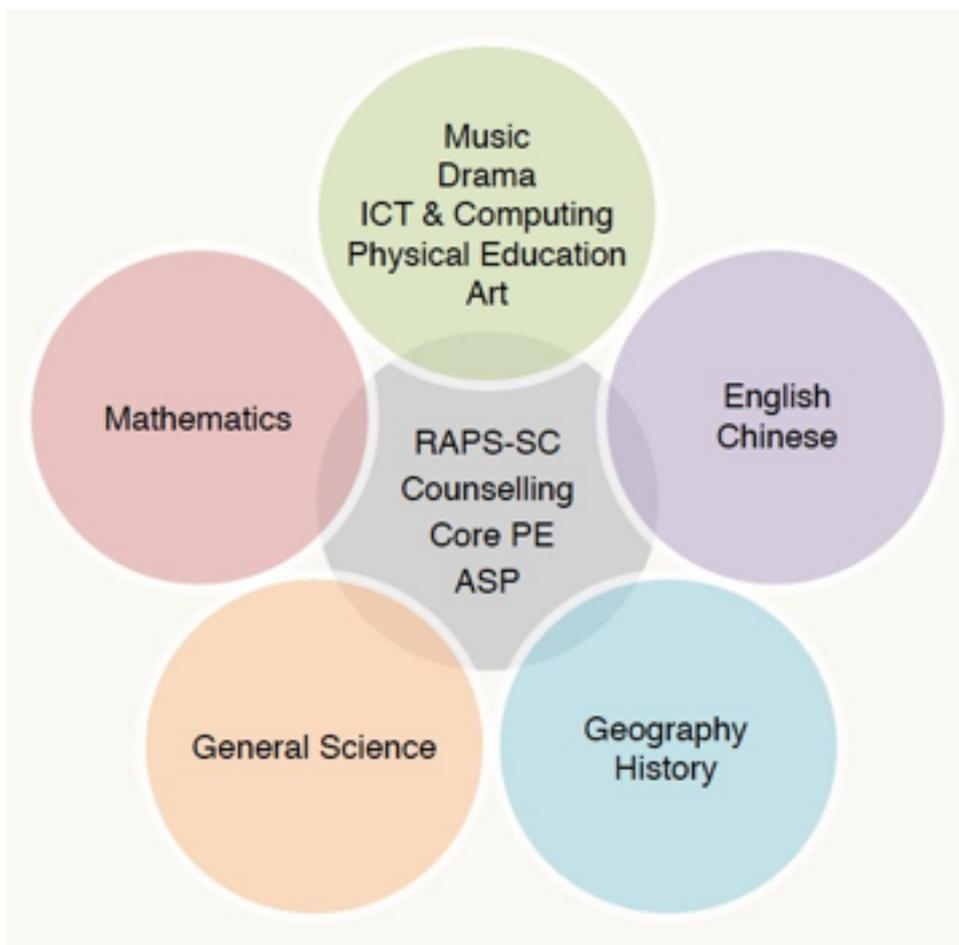

SSIS PRE-IGCSE

curriculum in Grades 7-8 acts as a bridge between the Singaporean curriculum in the Primary School and the Cambridge IGCSE programme in Grades 9 and 10. The curriculum is based on the best programmes from around the world.

Overview: The Pre-IGCSE Programme consists of a common core of English, Mathematics, Science, Chinese Language, Geography, History, Information Communication Technology, Visual Art, Drama and Physical Education.



All courses prepare the pupils to take on the two years of academically challenging IGCSE. Below are brief descriptions of what the students will learn in each course and the skills they will develop along the way.

Maths: Pre-IGCSE Mathematics follows the rigorous Singapore Maths curriculum that develops students understanding of concepts such as skills and applications of arithmetic, algebra, geometry and statistics. In addition to the paper based tests and exams, the students will have plenty of opportunities to explore different aspects of mathematics with a focus on research, mathematical investigations and modelling where applicable.

Science: Students follow the Cambridge Secondary 1 Curriculum and explore the fundamental concepts of Physics, Biology and Chemistry through experiments, investigations, and research and once a term complete a formal lab report to demonstrate their understanding of the scientific method.

English: Over the two years, students will refine their reading, writing, speaking, and analytical skills through the study of fiction, non-fiction and poetry as well as developing their writing and grammar skills while creating a varied writing portfolio; students will complete exams that prepare them for the IGCSE and develop their command of advanced vocabulary. The students are divided into three levels based on the Oxford Placement test: Standard Level, Foundation, ESL. For students who need additional support, we provide another course, ISP (Intensive Support Programme).

History: Using a modified United States curriculum over the two years, students will develop a better understanding of the development of human history from early peoples into modern history as well as develop their skills in research, analysis and writing with informational text.

Geography: Using a modified United States curriculum over the two years, students will develop a better understanding of the physical and human geography of the world, while developing their skills in map reading, geographic analysis, research, and working with informational text.

Chinese: Over the course of 2 years, students are divided in 3 different levels (Advanced, Standard and Foundation) based on their respective Chinese proficiency. Advanced class is designed for Chinese native or near-native speakers and students are learning Yu Wen curriculum, with the textbook used by local school of China. Standard class is designed for

students who use Chinese as second language and students are learning Singaporean curriculum, with textbook and learning materials introduced by MOE of Singapore. Foundation Class is designed for students who have basic Chinese levels.

ICT: Our Pre-IGCSE ICT course is designed based on three main sources, The Singapore Ministry of Education 21st Century Skills Standards, The IGCSE ICT Starters syllabus and ISTE Standards for Students and Teachers, seeking student's development of practical Information Technology skills with purpose and envisioning the future of technology, such as productivity tools, internet search/safety and digital media.

Counselling: Students in Counselling 7/8 will acquire skills for improved learning such as problem solving, creating plans to achieve goals and be encouraged to use and develop study plans. Students will also learn to understand how school success and academic achievement will enhance future university and career opportunities.

Physical Education: The Grade 7 and 8 students follow the Ontario Health and Physical Education curriculum. It enables our students to develop new skills and game understanding and refines both practical and healthy active living skills.

Visual Arts: This course incorporates elements of both the British and Singapore curriculum where students use the design cycle to create works of art and design. The use of project based learning teaches critical thinking (problem solving), research and presentation skills which help to prepare the student for their future IGCSE courses and I.B Diploma.

Music: The Music programme is focused on teaching the fundamentals of music in a practical way. Grade 7 students will have the opportunity to choose an instrument and be a part of a band ensemble. Grade 8 students will learn guitar for the duration of the year and apply their music knowledge to compose music throughout the year.

Drama: The Drama program will focus on improvisation, building confidence and encouraging students to take risks. It incorporates the use

of movement, masks, the development voice and communication in a collaborative and practical way. Students will be provided opportunities to create and express ideas in a safe and positive setting.