Computer Literacy

電腦科

Hong Kong is now in rapid development and wide application of digital technology, while our school is also committed to promoting STEAM education. The Computer Department has been making timely adjustments to the contents of the curriculum in response to the actual needs of our students, so that they can equip themselves early to cope with the development of the subject and the needs of future personal development.

In order to enhance students' ability to apply their academic knowledge in solving daily life problems, a STEM maker module has been added on top of the Micro:bit programming learning in S1, enabling students to work in groups and apply the programming knowledge to design and assemble own system with the use of sensor kit on their own.

To promote students' interest in learning and put their knowledge into practice, we make every effort to arrange participation in external competitions for our students. Our Secondary Section participated in the "HKBIM Future Public Housing Design Competition" jointly organized by China（Hong Kong）Association of Architects and Engineers, Research Institute for Land and Space of the Hong Kong Polytechnic University, Logistics and Supply Chain MultiTech R&D Centre, Hong Kong STEM Education Alliance, Hong Kong Project Management Exchange Centre and Hong Kong Academy of Management that students made use of the design software provided by the organizers to design the future public housing in Hong Kong. Two separate teams from our school namely the "AKA" and "Sea of Stone" entered the final ten. "AKA" Team with the students Lee Hoi Man, Ling Chi Ching Alyson, Cheung Lok Yin won the Third Place (Second Prize), while "Sea of Stone" Team with the students Chow Chi Sun and Keung Pui Yau won the Eighth Place (Third Prize) in the competition. In the"Eastern District FPV Drone Racing Competition 2023" organized by the Eastern District School Liaison Committee, Chow Chi Sun won the 1st Runner-up of the Individual Section.

香港現正積極應用數碼科技，我們學校也全力推動 STEAM 教育。學校的電腦科針對同學們的實際需要，適時地調節課程內容，讓同學們能及早裝備自己，配合學科的發展，應對未來個人發展的需要。

為了提升同學應用學科知識解決日常生活問題，在中一的 Micro:bit 編程教學的基礎上，增加了 STEM maker 單元內容讓同學分組合作應用所學的編程知識，應用感應套件自行設計組裝成系統。

電腦科為了提高同學學習興趣和應用所學，把握機會參與對外的比賽。中學部參加了中國(香港)建築及工程交流學會、香港理工大學土地及空間研究院、物流及供應鏈多元技術研發中心、香港科技創新教育聯盟、香港建設管理交流中心和香港管理學院聯合主辦的「HKBIM 未來公屋設計比賽」，運用主辦機構提供的設計軟件為香港設計未來公屋。我校派出兩個隊伍進入最後十強，分別是「AKA」隊李凱敏、凌梓晴、張樂然獲得第三名(二等獎)，「石之海」隊周梓桑、姜貝悠第八名(三等獎)。我校無人機隊參加東區學校聯絡委員會主辦的「FPV 東區無人機競速賽 2023」，其中周梓桑同學獲得個人組亞軍。

"Sea of Stone" Team (Chow Chi Sun and Keung Pui Yau) won the Third Prize (Secondary School) in the competition.
「石之海」隊周梓桑(4C)、姜貝悠(4C) 獲得中學組三等獎

"AKA" Team (Lee Hoi Man, Ling Chi Ching Alyson, Cheung Lok Yin) won the Second Prize (Secondary School) in the competition
「AKA」隊張樂然(4C)、李凱敏、凌梓晴獲得中學組二等獎

Our student, Chow Chi Sun (third from the right) won the 1st Runner-up (Individual Section) in the"Eastern District FPV Drone Racing Competition 2023" organized by the Eastern District School Liaison Committee
周梓桑(4C 右三)參加東區學校聯絡委員會主辦的「FPV 東區無人機競速賽 2023」獲得個人組亞軍