

Extra-curricular Activities (ECA) 課外活動
Extra-curricular Activities (ECA) - Club and Society 課外活動-學會

Extra-curricular Activities (ECA) - Domain 5: Interests 課外活動-範疇 5：興趣

Innovative and Robotics Club 創意科技及機械人學會

Teacher Advisor i/c 總顧問老師：Chung Sze-tik 鍾思迪老師 LAM Kwok-leung 林國良老師

宗旨 Aim：

- To empower and nourish students to use innovative and technological skills to solve problems
提高學生對解難和科技的興趣和能力。
- To enrich students' knowledge and skills in engineering and manipulating new technologies
學習工程並新科技的知識。
- To build team spirit and foster collaboration between students
透過活動，使學生學習自律及與人合作，建立團隊精神。
- To encourage students to participate in various design and robotic competitions
代表學校參與學界的創意及機械人比賽。

曾經舉辦活動 Activities held in the Past：

- RoboMaster 機械人編程活動
- Tello 航拍機編程世界紀錄挑戰成功
- Ganker EX 鬼馬運動會體驗日
- 鬼馬運動會 VR 遊戲體驗
- 多足機械人工作坊
- 航拍體驗
- 模擬飛行比賽

展望 Way Forward：

- We provide students with the experiences to taste new technologies and equipment that are not yet included in the subject syllabus.
讓學生接觸及學習在其他科目的課程內尚未推行的新技術和器材。
- Activities are initiated, planned and led by students themselves.
活動的籌劃與舉行由學生主導，訓練學生籌辦活動的能力和領導才能。
- Form a school team in an exclusive field to participate in international competitions, such as the VEX Robotics Competition and FPV Racing League.
組成專屬領域的校隊，參加大型的國際性比賽，如 VEX 機械人大賽、FPV 競速機大賽。
- Encourage students to participate in the workshops of outside organisations and act as student staff, so as to learn experience and build relationships.
鼓勵學生參與外面機構的工作坊，以及擔當學生工作人員，從而吸取經驗、建立關係。
- Alumni serve as advisors and mentors for students in various activities and competitions.
讓畢業生回校帶領和教導學妹學弟有關設計和技術，承襲薪火相傳的優良傳統。
- Meetings will be held in alternative weeks. The content includes

學會每逢隔周舉行，內容包括：

■ Programming 編程類別：

Robotics 機械人製作

Computer programming 電腦程式編寫

■ Technology 技術類別：

Drone training 航拍機訓練

FPV Racing League FPV 競速機大賽

VEX Robotics Competition VEX 機械人大賽

■ Art 藝術類別：

Computer aided design and Computer control (CAD/CAM) 電腦繪圖/微電腦控制

Laser Cutting and Engraving Technology 雷射切割及雕刻技術

3D Printing and Scanning 立體打印及掃描技術

Hand craft 趣味手工藝製作



ROBOTICS

