

## 10 IT in Education

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The IT in Education Team is responsible for promoting and supporting the integration of technology into teaching and learning. Our key responsibilities include:

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- **Promoting Innovative Teaching and Learning:** Encouraging the use of innovative methodologies to enhance both teaching and learning processes.
- **Collaborating with Subject Departments/KLAs:** Working closely with different subject departments and Key Learning Areas (KLAs) to develop and implement the School's IT in Education plan.
- **Exploring Educational Apps and Platforms:** Identifying and promoting useful educational applications and platforms that can benefit teaching and learning.
- **Supporting Staff Development:** Recommending topics for staff development programmes related to IT in education and working jointly with the Staff Development Team to organise relevant training sessions.
- **Providing Technical Support:** Collaborating with the School Technical Team to offer technical support, especially to iPad users, ensuring smooth integration of digital tools into the classroom.
- **Devising Evaluation Plans:** Gathering data, feedback and evidence from various stakeholders to evaluate the effectiveness of IT in education initiatives.
- **Sharing Best Practices:** Actively sharing our experiences and insights with other schools to foster collaboration and collective growth.

### Key Initiatives and Achievements

#### One-Student-One-iPad Programme

The Team oversees the School's One-Student-One-iPad initiative, equipping all teachers and students with an iPad to enhance daily teaching and learning. Alongside this, the School had implemented a comprehensive Mobile Device Management System (MDM) to ensure that these devices are used effectively for education.

However, we recognised that the MDM imposed certain limitations on students' learning potential. Based on positive outcomes from our S3 to S6 students, where the system was removed, we extended this policy to include S1 and S2 students starting in June 2024. This change is expected to enhance student learning proficiency and engagement further.

#### Professional Development & Pedagogical Innovation

The Team continues to promote eLearning pedagogy and strategies within the School, providing teachers with the knowledge and tools necessary for effective technology integration. In particular, a professional sharing session by Mr. K. Cheung was held to discuss mobile learning design, with a focus on utilising the EduVenture platform.

We are also proud to recognise Mr. B. Doherty and Miss W.Y. Wong as the first cohort of Apple Learning Coaches accredited in Hong Kong, marking a key milestone in our professional development efforts.

### **Sharing Expertise with the Educational Community**

Our commitment to knowledge-sharing extends beyond the School. At the Global Chinese Conference on Computers in Education 2024 held in Chongqing, China, Mr. K. Cheung and Mr. C.K. Tong presented their research paper on the development of AI Education in China and Hong Kong SAR. This presentation showcased our teachers' involvement in the development of AI education and our ongoing efforts in educational research.

### **School Technical Team**

Starting this academic year, the IT Coordinating Team and the Audio and Visual Team have been combined to form the School Technical Team. This merger has helped the school better manage all resources related to our technological development.

The team, comprising the Technical Support Service staff and led by the Head of the IT Department, takes care of the day-to-day administration of the IT & AV facilities. They ensure that all EdTech facilities are properly configured, enabling teachers and students to conduct various types of learning activities effectively and efficiently.

In the past year, many big events in the school were held successfully with the support of the School Technical Team. These events include the press conference of the AI Swimtech Lab, a joint project of PolyU and DGS, the opening ceremony of the Virtual Mini Bazaar, the EDB seminar of sharing excellent practices, various student and alumni concerts, and many more.

To support the latest technological development of the school, the team has started a project to revamp the network infrastructure this academic year. The project is expected to be completed by the next academic year. We believe this project will enable all teachers and students to continue learning by taking advantage of the latest technologies and pedagogies.