

10 IT in Education

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The School adopts a whole-school approach to implement the IT in Education programme. The IT Coordinating Team collaborates with all subject department heads, the IT in Education Team and the Staff Development Team to develop and implement the school IT plan.

IT in Education Team

The IT in Education Team comprises 15 teachers from different Key Learning Areas and function teams. The responsibilities of the Team include:

- To promote learning and teaching using innovative teaching and learning methodologies.
- To work with different subject departments / KLAs for devising and facilitating the roll-out of the IT in Education implementation plan.
- To explore and promote useful educational apps and learning platforms.
- To recommend to the Staff Development Team possible topics for staff development programmes.
- To work with the Staff Development Team to organize programmes related to IT in education.
- To work collaboratively with the IT Coordinating Team to provide technical support to iPad users.
- To devise evaluation plans by collecting data, evidence, views and feedback from different perspectives.
- To share implementation experience with other schools.

The Team helps the School to oversee the “One-Student-One-iPad” programme, in which all teachers and students are equipped with an iPad for daily teaching and learning purpose. The Team also facilitates the Online Based Learning routine during the pandemic.

This year, as suggested by parents and students, the School has renewed the “One-Student-One-iPad” programme with a BYOD arrangement. All S1 students can now bring their own device to the School. S2 and S3 students were also given the option of having this BYOD arrangement during the school year.

The Team also promotes eLearning pedagogy and strategies to teachers as part of professional development. This year, our work focused on Blended Learning. Representing DGS to join the six-month “Esperanza X ISTE Blended Learning Programme”, organised by the Esperanza and the ISTE from the United States, were Miss B. Chen (Mathematics), Ms. S.S. Tam (Science) and Mr. A. Chu (Chinese Language), who shared their fruitful learning experience on our Staff Development Day in October 2021 and to other school participants in January 2022. To enhance efficiency in conducting interactive lessons during our “Home-Based Online Learning Days”, the Team also launched three eLearning workshops for our teachers, namely:

1. “聲音的力量——從聞所未聞到一呼百應” - presented by Mr. HC Chan on 11 October 2021
2. “Extra” + ordinary Classroom - Collection of New Attempts” presented by Mrs. J Fung on 20 October 2021.
3. “Blended Learning with iPad” presented by Ms. Cecilia Tsang from the Apple Education Team on 26 October 2021.

Not only did our teachers learn from new initiatives, we also continued to share our successful experiences with other teachers. In the Apple Summer Learning Academy 2022, organised by the Apple Education Team, Mrs. J. Fung shared and presented how eLearning in Mathematics can enhance students’ 21st-century skills. This session was very well received by the audience.

IT Coordinating Team

The IT Coordinating Team, led by Mr. J Ng, comprises five Computer teachers and four IT technical staff members. The responsibilities of the Team include:

- Coordinating and implementing the school IT plans and IT projects in progress
- Maintaining the school network and supervising operations of all IT systems
- Preparing and monitoring the school IT budget and financial accounts
- Procuring, keeping the inventory of, and coordinating the use of school IT resources
- Planning and organizing teacher IT training programmes
- Proposing IT programmes to support and advance the Education Reform initiatives
- Sharing our implementation experience with other schools

Besides the above daily routines, the Team completed the following tasks this year:

- Procuring new laptop computers and teaching tools for the AI Lab
- Upgrading the last batch of access points in the school Wi-fi network to the AC standard
- Setting up and migrating the iBMS
- Conducting a feasibility study on the hardware upgrade of the School Network infrastructure, including the Core switches, the floor switches as well as the Cisco ACS server and Cisco PABX (for VoIP communication)

Conclusion

To conclude this report, we would like to thank the Headmistress and the School Council for their generous support, encouragement, and guidance. We also wish to express our gratitude to our teammates in the IT Coordinating Team and the IT in Education Team for their dedication and support.