

Title of School-based Support Service (On-site Support) (2024/25)

Quality Education Fund Thematic Networks – Schools:

Unleashing Students' Potential through Developing Cross-curricular STEAM Learning Activities

1. Objectives

The support service aims:

- To design and implement cross-curricular activities on STEAM education so as to strengthen the coherence and collaboration among teachers of the Science, Technology, Arts and Mathematics Education KLAs to promote the development of STEAM education
- To consolidate students' subject knowledge, and unleash their potential in innovation and problem solving through STEAM learning activities
- To develop the ability of students to integrate and apply their knowledge and skills across different subject disciplines for problem solving, as well as cultivating their interests in subjects related to STEAM education

2. Foci of Support

- To develop diversified cross-curricular learning activities related to STEAM education with the participating schools based on the interests and needs of their students
- To share how to strengthen students' ability to integrate and apply knowledge and skills of different disciplines so as to unleash their potential in innovation, e.g. leading students to take part in local, national and international science/technology competitions
- To help teachers master the key points of designing and implementing STEAM-related learning activities through the demonstration of STEAM educational learning activities

3. Modes of Support and Activities

- Support personnel collaborate with the core teaching team through regular meetings (4 times or more in the school year) to develop the school curriculum and conduct collaborative lesson planning, lesson observation and post-lesson discussion
- The core teaching team participates in cross-school professional development activities (6 times or more in the school year), sharing and promoting effective practices and resources to facilitate professional exchanges among schools
- Participating schools attend two Executive Committee (EC) meetings and an annual dissemination seminar to share the good practices generated and effective ways to cope with challenges encountered

4. Points to note

- Participating schools should form a teacher collaboration team with teachers of Mathematics, Science, Arts and Technology Education KLAs. One of the team members should be the teacher-in-charge to liaise with the support team and the related Curriculum Development Officer
- Target participants of the cross-curricular activities will mainly be S1-3 students
- Please visit the QEF website (<https://qcrc.qef.org.hk/en/fund/activity.php?cate=8>) for details

