

Title of School-based Support Service (On-site Support) (2026/27):
STEAM Education: Strengthening Interdisciplinary
Collaboration and the Application of Innovative technologies to
Develop Students' Abilities to Integrate and Apply Knowledge
and Skills

| |
|--|
| <p>Online Application Code S9</p> |
|--|

1. Objectives

The support service aims to:

- Enhance curriculum leadership and professional level of teacher team in participating schools through train-the-trainer approach and with a focus on the curriculum leadership
- Give impetus to schools to refine planning of STEAM education, and develop effective learning, teaching and assessment strategies to help students acquire STEAM-related knowledge, skills and generic skills, and develop positive values and attitudes

2. Foci of Support

- To strengthen interdisciplinary coordination and collaboration to refine holistic planning of schools' STEAM education
- To closely align with the curriculum objectives of STEAM-related subjects and design learning activities and assessment strategies to develop students' abilities to integrate and apply knowledge and skills
- To apply innovative technologies (such as artificial intelligence) in STEAM education to solve real-life problems, and reflect on the critical considerations related to these technologies and their application

3. Support Activities

- Support officers collaborate with the core teaching team through regular meetings 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, sharing and promoting effective practices and resources to facilitate professional exchanges among schools

4. Points to note

- The support service normally lasts for one year
- To effectively utilise the support service, participating schools should:
 - appoint a curriculum leader to lead the core teaching team's participation in this professional support service; to be responsible for liaising with the relevant support officer and making specific arrangements for the support service
 - organise regular meetings to ensure teachers are fully engaged in activities including discussions on curriculum development, collaborative lesson planning, lesson observation and post-lesson discussion as well as reviewing student learning outcomes, thereby strengthening collaboration and communication among teachers. Support officers will participate in various sessions and provide feedback to facilitate the professional development of teachers

- allow support officers to collect materials including video clips and photographs of learning activities, teachers' reflection and student work during the support period for professional discussion
- encourage the core teaching team to disseminate successful experiences in school curriculum development and the learning and teaching resources co-developed within and across schools (The copyright of these materials will be jointly owned by the Education Bureau and the relevant schools. The Education Bureau also reserves the right to compile and modify these materials for educational promotion purposes)
- Participating schools should comply with relevant laws, such as compliance with the Copyright Ordinance in developing school-based learning and teaching materials

5. Enquiries

Contact person:

Mr LAW Hon-fai

Support service coordinating unit:

School-based Curriculum Development
(Secondary) Section, Innovation Technology
Education Division, Education Bureau

Telephone number:

2639 4704

E-mail:

scdosbcds3@edb.gov.hk