

Title of School-based Support Service (On-site Support) (2025/26):

Mathematics Education in Primary Schools: Optimising Curriculum Planning and Implementation to Enhance the Development of STEAM Education

<p>Online Application Code P4</p>
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1. Objectives

The support service aims to:

- Enhance curriculum leadership and professional level of teacher team in participating schools through the train-the-trainer approach and with a focus on curriculum leadership
- Promote the optimisation of Mathematics Education curriculum planning in primary schools, by creating opportunities for students to apply mathematical knowledge and skills to solve real-life problems; and
- Enhance STEAM education to strengthen students' abilities to integrate and apply knowledge and skills

2. Foci of Support

- To optimise curriculum planning and develop diversified learning and teaching strategies, such as applying appropriate innovative technologies (including artificial intelligence) to promote teaching innovation and further enhance students' abilities to inquire, communicate, reason and apply mathematical concepts
- To promote STEAM education through the Mathematics curriculum as well as design learning and teaching activities to provide opportunities for students to integrate the learning elements from different KLAs
- To enhance teachers' abilities to promote STEAM education through curriculum planning and implementation as well as regular review of learning and teaching effectiveness

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, shares and promotes 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:

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