

Title of Support Service:

**Quality Education Fund Thematic Network (QTN) – STEMaker Junior
(2023/24)**

1. Objectives

This support service aims to:

- Familiarise teachers with the use of tools and equipment through a series of regular workshops so as to facilitate them to plan and set up school-based STEMaker space.
- Carry out a series of lesson observations to deepen and develop STEMaker curriculum
- Deliver the project in four stages, i.e. Learning, Planning, Consolidation and Development stages.
- A non-phased one-year model will be introduced this year

2. Foci of Support

- To provide learning and teaching resources, venue and facilities to enable participating schools to launch school-based STEMaker courses
- To provide a series of regular STEMaker workshops to let participating teachers familiarise with the use of tools and equipment
- To share the venue and facilities with participating schools for organising innovative activities
- To conduct hands-on STEMaker workshops so that students can experience the joy of STEM education
- To formulate school-based STEMaker teaching strategy
- To plan school-based STEMaker space
- To continuously deepen and develop STEMaker education through lesson observation
- To organise STEMaker related activities with nearby schools

3. Modes of Support

- QTN co-ordinator will support and collaborate with teachers of participating schools, details are as follows:

On-site collaboration and Networking Activities	<p>Around 29 times of on-site support and networking activities</p> <ul style="list-style-type: none"> • Conduct in-depth analysis of school needs, lesson study such as curriculum planning, collaborative lesson planning, lesson observation and post-lesson discussion to enhance teacher professionalism through close exchange • Organise professional development activities such as workshops and lesson demonstration • Develop school Mathematics curriculum and teaching resources of two units for sharing, e.g. lesson plans and learning and teaching materials • Participate in the sharing in learning community activities and territory-wide dissemination seminar for interschool exchange • Student workshop for primary students
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4. Points to note

- The duration of the support services normally lasts for one year.
- Active engagement of participating schools throughout the support services is expected.
- At least one representative should attend each QTN activity.
- To fully utilise the support services, participating schools should:
 - nominate panel head / deputy panel head to be responsible for the liaison of QTN activities.
 - arrange regular timeslots for teachers to collaborate and exchange, e.g. periods for collaborative lesson planning and lesson observation.
 - arrange teachers to participate in two Executive Committee (EC) meetings and a territory-wide dissemination seminar to share their successful experiences in school curriculum development and the learning and teaching materials developed under collaboration.
- Participating schools should comply with relevant laws, such as compliance with the Copyright Ordinance in developing school-based learning and teaching materials.

5. Enquiries

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