

Quality Education Fund Thematic Network (QTN)

STEMaker Classroom

1. Support Service Co-ordinator

Heung To Middle School (Tin Shui Wai)

2. Areas of Collaboration

Curriculum development and learning and teaching of STEM education in primary and secondary schools

3. Foci of Development

QTN co-ordinator will support teachers of participating schools to promote and develop STEM education at schools. The foci of development are as follows:

- To open “STEMaker Classroom” to provide teachers and students with equipment and tools to conduct STEM education learning activities to enhance their creativity and problem-solving skills
- To organise regular, diversified and curriculum-based STEM education learning activities and competitions for primary and secondary students
- To organise regular STEM education planning and implementation courses for course leaders and arrange visits to schools and high-tech enterprises in Guangdong-Hong Kong-Macao Greater Bay Area

4. Modes of Exchange and Collaboration

On-site support and network activities: QTN co-ordinator will support participating schools regularly for one school year to collaborate with participating teachers in:

- workshops
- inter-school lesson preparation
- inter-school lesson observation
- territory-wide STEM competition
- dissemination seminar
- periodic executive and evaluation meetings
- seminar and teacher workshops
- exchange tour outside Hong Kong
- opening "STEMaker Classroom" (reservation required)

5. Expectations on Participating Schools

To make good use of the support services, participating schools are expected to:

- participate in activities at least once a month
- create a “STEMaker Classroom” teaching kit

6. Points to Note

- The support services normally last for one year
- Active engagement of participating schools throughout the support services is expected
- All participating schools should appoint PSM(CD) / panel heads to be responsible for the liaison of QTN activities
- At least one representative should attend each QTN activity
- Participating schools are required to attend two Executive Committee (EC) meetings and an annual dissemination seminar to share the good practices derived and challenges faced

7. Enquiries

Vice principal, Ms CHAN Kam-sheung

Heung To Middle School (Tin Shui Wai)

Tel: 2650 0016

E-mail: chanks@heungto.net