

Quality Education Fund Thematic Network (QTN)

STEMaker Junior

1. Support Service Co-ordinator

Tung Wah Group of Hospitals Chang Ming Thien College

2. Areas of Collaboration

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

3. Foci of Development

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

- 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 organize STEMaker related competitions or activities with nearby schools

4. Modes of Exchange and Collaboration

On-site support and network activities: QTN co-ordinator will support and collaborate with teachers of participating schools regularly for one school year through the followings:

- seminar on understanding and interpreting STEMaker curriculum
- teacher workshops
- meetings
- subject-based STEMaker curriculum
- on-site support on project-based learning
- showcase of students' learning outcomes
- questionnaire survey

- student workshops
- establishing an interactive platform
- opening STEMaker Space

5. Expectations on Participating Schools

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

- teachers involved should be keen on activities that are related to innovative problem-solving and technology

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 panel heads / deputy 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

Mr LEUNG Wai-yip

Tung Wah Group of Hospitals Chang Ming Thien College

Tel: 2779 2986

E-mail: antonylwy@gmail.com