

Quality Education Fund Thematic Network (QTN)

Whole School Curriculum Planning on STEM Education

1. Support Service Co-ordinator

S.K.H. Holy Cross Primary School

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 at schools. The foci of development are as follows:

- To develop whole school primary curriculum of STEM education, starting from Primary 4 in the first year then Key Stage 2 in the second year and Key Stage 1 in the third year
- To establish an inter-school professional exchange network enhancing teachers' professional capacity and assisting them in delivering paradigm shift, and to foster students in carrying out hands-on and brain-on exploratory learning
- To assist teachers to design hands-on and minds-on exploratory activities in General Studies and to develop students' competency to integrate and apply knowledge and skills.

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:

- thematic seminar
- workshops
- curriculum planning meeting
- on-site support
- lesson observations and evaluations
- inter-school STEM competition
- exchange tour outside Hong Kong

5. Expectations on Participating Schools

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

- join regular training, lesson co-planning, observation and evaluation

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

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