

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 P.3 to P.6
- To establish an inter-school professional exchange network for enhance teachers' professional capacity and assist 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 and collaborate with teachers of participating schools regularly for one school year through the followings:

- thematic seminar
- workshops
- curriculum planning meeting
- on-site support
- lesson observation and evaluation
- inter-school STEM competition
- Hangzhou STEM exchange tour
- School visit

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

- conduct project learning across subjects. Apart from the teachers of the General Studies, teachers of the Mathematics and Computer Studies should be involved.

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

Ms CHAN po-yee, Florence & Mr Yeung yu-san

S.K.H. Holy Cross Primary School

Tel: 2320 4931

E-mail: qtn@skhhcps.edu.hk