

Quality Education Fund Thematic Network (QTN)

Integrating STEM into Environmental Education Curriculum

1. Support Service Co-ordinator

China Holiness Church Living Spirit College

2. Areas of Collaboration

Curriculum development & learning and teaching of STEM in environmental 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 launch learning activities for experiential learning enhancement
- To develop STEM in environmental education
- To raise students' awareness for the environment
- To foster the innovative mindset and implement genetic code course in STEM in environmental education

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:

- training workshops
- curriculum development meetings
- cross-school lesson preparation
- on-site support
- lesson observations and evaluations
- student sharing activities
- professional development network

5. Expectations on Participating Schools

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

- raise teachers' and students' awareness towards STEM and environmental education
- create a series of school-based curriculum and activities in STEM in environmental education

- participate in year-end sharing session with students' sharing
- consolidate all learning and teaching materials as printed exemplar and publish on website as a reference for other schools

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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