

Quality Education Fund Thematic Network (QTN)

AI STEM Education Curriculum for Positive Education

1. Support Service Co-ordinator

Hong Kong Sheng Kung Hui Bishop Hall Secondary School

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 develop STEM education with Artificial Intelligence (AI)
- To establish design thinking application tools for STEM education
- To foster students' growth mindset and creative thinking through design assignments

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
- seminars
- on-site support
- lesson observations and evaluations
- exchange tour outside Hong Kong

5. Expectations on Participating Schools

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

- consolidate all learning and teaching materials as printed exemplar and publish on website as a reference for other schools
- enhance the professional competency of all participating teachers (awareness of AI technology, curriculum design and teaching strategies for STEM activities)
- research on teachers' STEM literacy development

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

Mr KAN Ka-hei

HKSKH Bishop Hall Secondary School

Tel: 2347 9224

E-mail: kkh@go.bhss.edu.hk