

# **Programme Title: Supporting the Learning and Teaching of Mathematics for Non-Chinese Speaking Students in Primary Schools**

## **1. Support Service Co-ordinator**

School-based Professional Support Section, Quality Assurance and School-based Support Division, Education Bureau

## **2. Support Service Provider**

Division of Mathematics and Science Education, Faculty of Education, The University of Hong Kong

## **3. Areas of Support**

- Learning and teaching of mathematics for Non-Chinese Speaking (NCS) students at primary levels (P1 to P6)
- Development of school-based curriculum for numbers and operations in mathematics
- Building of professional capacity of mathematics teachers

## **4. Foci of Support**

- To identify the characteristics and possible difficulties of NCS students in relation to their learning of numbers and operations in mathematics
- To develop effective teaching, learning and assessment strategies to facilitate the learning of mathematics of NCS students at primary levels
- To design lessons and relevant resource materials on crucial mathematical topics

## **5. Modes of Support**

- **Collaborative lesson planning** at individual schools; lesson observation and post-lesson reflection meetings
- **Professional development workshops/seminars** involving participating teachers from different schools
- **An online platform** that supports sharing of resource materials and professional communication

## **6. Expectations on Participating Schools**

Participating schools are required to engage in the following activities:

### **i. *Forming a core project team***

- Each participating school is expected to have **2–3 core members** who are involved in the teaching of mathematics to NCS students at primary levels with one of them to coordinate within the school and with the university programme team.

### **ii. *Collaborative lesson planning***

- One to three topics/curriculum units in the Numbers and Operations dimension of the primary mathematics curriculum will be chosen in the first school year

(2017/18) for collaborative lesson planning and preparation of relevant learning/teaching resources. It is expected that two to five classes altogether will be involved. The effective pedagogical approaches or strategies generated in the first school year will be tried again in different classes in the first half of the 2018/19 school year (by December 2018).

**iii. Professional development workshops/seminars**

- Teachers are expected to participate in the professional development workshops/seminars during the programme period as well as the end-of-programme dissemination seminar which will be crucial to the sharing of teaching strategies, resources, and experiences.

All participating schools are expected to observe strictly their legal obligations and, in all cases, comply with the Copyright Ordinance in developing school-based curriculum materials.

## **7. Points to Note**

- Applicants are expected to indicate their preferences of the curriculum units in their application. The programme team will work out with the participating schools the curriculum and instructional arrangement together with other programme details in the light of the needs of the participating school and the objectives of the programme.
- Since the Education Development Fund (EDF) will expire at the end of August 2019, this last batch of the USP will provide support services to successful school applicants for 1 year and 7 months (i.e. from August 2017 to February 2019). For the 2018/19 school year, schools allocated with the above services may still apply for a maximum of two SBSS in light of schools' needs, and the allocation of a maximum of two SBSS (irrespective of any additional NCS support service) will also apply.
- EDB will continue to utilise different existing funds to provide the SBSS to meet the needs of schools. In this connection, the scope of QEF Thematic Networks (QTN) for 2017/18 will be expanded to cover (i) initiatives not necessarily funded by QEF and/or outstanding/award-winning schools/organisations; and (ii) built-on projects run by the QTN coordinators with promising track record to meet the prevailing needs of the education sector.
- Please visit the EDB website (<http://www.edb.gov.hk/sbss>) for other points to note.

## **8. Enquiries**

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