**Professional Development Group for Hong Kong Mathematics Teachers**

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**Aim:**

Our team would like to invite several scholars and experienced Mathematics scholars and teachers to share their ideas and practice pertaining to the professional competencies of Mathematics teachers in seminars. Also, we would also organize workshops for Mathematics teachers to enhance their capability in professional teaching.

**Themes:**

Nurturing talents is the key to maintaining a competitive edge of Hong Kong and sustaining its advancement. Our team believes that it is essential for Mathematics teachers to equip with professional competencies in order to improve the overall quality. Our team have finished the study on investigating and identifying the capability of looking at elementary Mathematics from an advanced standpoint (EMFAS). In this study, we attempt to investigate and identify both novice and pre-service teachers’ knowledge by applying the technique of EMFAS into their abilities by analyzing mathematically the dimensional exchanges on solving certain specifically constructed problems or justifying various propositions in a written test.

The capacity of looking at EMFAS is an essential condition for Mathematics teachers’ competency. They can thus more effectively mediate abstract knowledge for students’ learning. Our goal is to promote Hong Kong Mathematics teachers’ professional competency and enhance the overall quality of Mathematics education. Eventually, we can enhance the students’ learning effectiveness in Mathematics based on journals publication and conferences and seminar presentations.

**Activity Plan:**

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