

Seminar on “Mathematical Proficiencies in the Australian Curriculum: Old Medicine in the New Bottle Finally”

Date: Thursday 21 February 2019

Time: 14:00 – 15:30

Venue: E33-G021, Tin Ka Ping Lecture Hall, Faculty of Education, UM

Language: Mandarin and English

Registration: <https://go.um.edu.mo/1xhducjz> or QR code



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Speaker:

Prof. Wee Tiong SEAH, Associate Professor in Mathematics Education at Melbourne Graduate School of Education, University of Melbourne, Australia

Abstract:

This presentation will talk about why the current 'Australian Curriculum: Mathematics' introduced a new dimension of proficiencies, in addition to the set of three content strands. The new dimension of 4 proficiency strands are 'understanding', 'fluency', 'reasoning' and 'problem-solving'. They describe how school mathematics is learnt. Both primary and secondary school teachers across Australia are expected to integrate the development of these proficiencies in their students together with the teaching of content. In this talk, Professor Seah will offer some views on why the proficiencies are introduced only now in Australia and discuss the implications for school mathematics education in other countries.