

9 June 2014

Stella Dudzic  
Programme Leader (Curriculum)  
MEI

Dear Stella

### **Quantitative Reasoning and Quantitative Problem Solving**

I am writing to give my enthusiastic backing to the two Level 3 Certificates in Quantitative Reasoning and Quantitative Problem Solving that MEI is writing with OCR.

I whole heartedly support the approach to teaching, learning (and I hope assessing) in these new qualifications for post-16 study. At last the curriculum community in England is taking steps towards recognising the need to change the extent and form of statistics teaching and learning to make it more useful to students within and beyond school.

As I am sure you know, the research evidence for taking this approach precedes Tim Gowers' ideas and Roger Porkess' report 'A World Full of Data'. It comes from the USA. See, for example, the Cobb report of 1992 (Heeding the Call for Change) and the GAISE School and College reports of 2005 and 2010 respectively. Such evidence influenced the approach to teaching, learning and assessing statistics in the statistics part of the School Mathematics and Statistics Curriculum in New Zealand, which was introduced in 2007/2008.

These new certificates represent 'quants' teaching and learning (and I hope assessing) for 21<sup>st</sup> century UK school-aged (and older) learners.

The best of luck for getting them accredited. If it would help, I would be happy to argue the case for this approach, using research evidence, in front of anybody at any time.

Best wishes

Yours sincerely



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