

Jennifer WATHALL**Biography**

Dr Jennifer Chang Wathall is an educational consultant, author and part-time instructor for University of Hong Kong with over 25 years' experience in the education field. She holds a degree in Pure and Applied Mathematics from the University of Sydney and completed post-graduate studies at the University of Hong Kong. Based on her Masters of Arts and Doctorate in Educational Technology she has designed numerous online courses that have reached thousands of educators all over the world. Her research areas include online and blended learning methodologies and teaching for deep conceptual understanding. In the international arena, she has presented numerous keynote addresses and workshops about effective eLearning practices, concept-based mathematics, and concept-based curriculum and instruction to Pre-K-12 educators. In her role as an independent consultant she supports the development of curriculum and instruction that integrates effective eLearning practices and based on teaching for deep conceptual understanding. With school closures, she is utilizing her graduate studies in Educational Technology, to conduct a virtual practicum with her MEd students. She is also currently supporting schools with professional development and long-term partnerships to co-create and design an eLearning integration strategy as well as developing curriculum and instruction for deep conceptual understanding.

Workshop Description:

Workshop Title: Concept-Based Curriculum and Instruction: Teaching for Deep Understanding Pre-k to 12 All Disciplines

The following questions will be addressed during this workshop:

- How can we move to a three-dimensional curriculum and instruction model that allows us to compact the overloaded curriculum, and teach both factual and conceptual knowledge with greater depth and rigor?
- How is knowledge structured and how can we utilize that structure to develop the intellect?

This will be a highly interactive workshop where we will be adopting a social constructivist approach. There will be group work and discussions both in-person and using online resources so please BYOD.