



Certificate of Achievement

Matthias Giger

has completed the following course:

WORLD CLASS MATHS: ASIAN TEACHING METHODS MACMILLAN EDUCATION

This online course was an introduction to Asian maths teaching methods for primary education. It explored the global success of primary maths teaching methods in Asia, and you discovered how you could use these methods in your own maths lessons.

4 weeks, 3 hours per week



Christian Bokhove

Associate Professor of Maths Education, Southampton Education School
Macmillan Education



The person named on this certificate has completed the activities in the attached transcript. For more information about Certificates of Achievement and the effort required to become eligible, visit futurelearn.com/proof-of-learning/certificate-of-achievement.

This learner has not verified their identity. The certificate and transcript do not imply the award of credit or the conferment of a qualification from Macmillan Education.



Matthias Giger

has completed the following course:

WORLD CLASS MATHS: ASIAN TEACHING METHODS MACMILLAN EDUCATION

This online course was an introduction to Asian maths teaching methods for primary education. Topics covered included the key features of Asian maths teaching methods and what makes them so successful; teaching principles from Singapore and Shanghai, and how you could apply these to your own practice; the performance of maths education in your own country as a comparison with Asian countries; and finally, the importance of teacher professional development in Asian education systems.

STUDY REQUIREMENT

4 weeks, 3 hours per week

LEARNING OUTCOMES

- Explore the performance of your national maths education compared with those from Asian countries
- Summarise the key features of Asian maths teaching methods
- Evaluate several prominent teaching methods from Asian education systems
- Reflect on the role of professional development in maths teaching

SYLLABUS

- Exploring the international success of Asian education systems in primary mathematics teaching
- The key features of Asian maths pedagogies
- Understanding established principles from Singapore teaching methods, including Concrete-Pictorial-Abstract and the Model Method

- Understanding established principles from Shanghai: Two Basics and Teaching with Variation
- The role of professional development in Asian primary maths education