



Certificate of Achievement

Matthias Giger

has completed the following course:

THE SCIENCE OF LEARNING
NATIONAL STEM LEARNING CENTRE

This online course provided an introduction to the learning processes in the brain. It drew upon the latest thinking in educational neuroscience and educational psychology to help teachers and other educators justify their teaching approaches and better support student learning.

5 weeks, 3 hours per week



Karen Hornby
Course Educator
National STEM Learning Centre



Rachel Jackson
Course Educator
National STEM Learning Centre



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 National STEM Learning Centre.



Matthias Giger

has completed the following course:

THE SCIENCE OF LEARNING NATIONAL STEM LEARNING CENTRE

This online course provided an introduction to the learning processes in the brain: engagement, building of knowledge and understanding and consolidation. It drew upon the latest thinking in educational neuroscience and educational psychology to help teachers and other educators justify their teaching approaches and better support student learning. The course promoted critical engagement with research and scientific evidence, and encouraged action research within classroom environments.

STUDY REQUIREMENT

5 weeks, 3 hours per week

LEARNING OUTCOMES

- Explore how the science of learning applies to your classroom to provide insight into how your students learn and their learning potential
- Develop your approach to engaging students with their learning
- Apply an understanding of what is happening in the brain to improve your students' longer term memory and retrieval of knowledge
- Discuss and articulate your teaching and learning choices with your colleagues
- Engage in action research and collaborate with researchers in the science of learning

SYLLABUS

- Learning to learn: introduction to the science of learning, busting myths and helping you use research to inform your classroom practice.
- Engagement for learning
- Construction of learning
- Consolidation of learning
- Plasticity of the brain
- Becoming an action researcher