



Certificate of Achievement

Matthias Giger

has completed the following course:

IMPROVING COMPUTING CLASSROOM PRACTICE THROUGH ACTION RESEARCH RASPBERRY PI FOUNDATION AND NATIONAL CENTRE FOR COMPUTING EDUCATION

On this course, learners planned an action research project to test solutions to the classroom challenges that they identified. As part of their planning, they identified key outcomes and the means by which to measure them, having reviewed existing literature and evidence for guidance.

2 weeks, 2 hours per week



Dr Sue Sentance
Chief Learning Officer
Raspberry Pi Foundation



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 certificate represents proof of learning. It is not a formal qualification, degree, or part of a degree.



Raspberry Pi



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STUDY REQUIREMENT

2 weeks, 2 hours per week

LEARNING OUTCOMES

- Reflect on teaching and learning in your classroom, highlighting any challenges
- Develop evidence-based solutions to address challenges in the classroom
- Assess and evaluate different sources of research and evidence in order to select the most useful
- Develop a theory of action to communicate the challenges you face and the actions you have selected for dealing with those challenges
- Collaborate with fellow participants, sharing research ideas and discussing your project with learners with similar goals

SYLLABUS

- Classroom action research as a tool for continual professional development
- Quantitative and qualitative approaches to research
- Identifying research themes and questions
- Designing a project and selecting outcomes
- Producing a project plan for a trial in the classroom