



Certificate of Achievement

Matthias Giger

has completed the following course:

IMPACT OF TECHNOLOGY: HOW TO LEAD CLASSROOM DISCUSSIONS RASPBERRY PI FOUNDATION AND NATIONAL CENTRE FOR COMPUTING EDUCATION

This course provided an understanding of the ethical, legal, cultural and environmental impacts of technology. It covered how to use dialogic teaching and classroom discussion to guide exploration of these topics. It also showed learners how to teach the planning and execution of essay writing.

3 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 learner has not verified their identity. The certificate and transcript do not imply the award of credit or the conferment of a qualification from Raspberry Pi Foundation and National Centre for Computing Education.



Raspberry Pi



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STUDY REQUIREMENT

3 weeks, 2 hours per week

LEARNING OUTCOMES

- Explain the links between technologies and related impacts, across the different areas specified by exam boards
- Discuss topics covering the entire Computer Science curriculum
- Develop plans for classroom discussions in a range of formats
- Engage your students with well-framed, relevant questions
- Describe the main laws that affect the use of technology
- Demonstrate how to plan a written answer to a discursive Computer Science exam question

SYLLABUS

- Different areas of impact: ethical, legal, cultural and environmental
- Setting up a good learning environment for discussion
- Planning discussion topics and formats
- Ways to encourage critical thinking about a topic
- Teaching students to draw conclusions
- Assisting with the transition from discussions to pieces of writing