

Certificate in Applied Computing

NEW for Y9 2025–2026



Raspberry Pi
Foundation

Stage 1

Students will be able to:

- Create engaging digital media, from eye-catching posters to compelling audio and video projects
- Build their own websites through understanding the principles of effective web design
- Work with data, using spreadsheets and the fundamentals of AI and machine learning
- Navigate the online world safely and responsibly, protecting themselves and respecting others

MODULE 1: VISUAL COMMUNICATION

Learn to create powerful visual messages by combining text and images. Develop skills in layout, typography, and composition by using digital design tools to produce posters and other media. Explore how to shape and express a brand's visual identity.

MODULE 2: DATA ESSENTIALS

Discover how to manage and visualise data using spreadsheet software. From basic layout and formulas, to creating charts, this module builds practical skills through hands-on tasks and culminates in a real-world data project.

MODULE 3: DIGITAL WELLBEING

Build the knowledge and confidence to navigate the digital world safely. This module explores online threats, personal data protection, reputation management, and critical evaluation of digital content, with a focus on both personal and professional use.

MODULE 4: DIGITAL STORYTELLING

Dive into the world of digital media creation. Plan, record, and edit both audio and video content using industry tools. Bring together your new skills to create a compelling multimedia project at the end of the module.

MODULE 5: CONNECTING TO THE WORLD

Learn the principles of effective web design and development. Plan, structure, and create websites that focus on user experience and visual appeal. Try out the tools and techniques used by today's web designers.

MODULE 6: USING AI

Gain a grounding in artificial intelligence (AI) by exploring how AI systems can support creative and practical tasks. Learn to use AI tools responsibly to assist with content creation and everyday activities, drawing on knowledge from the modules covered. Reflect on the ethical and societal impacts of AI in everyday life.



Stage 1 Complete

To develop essential digital skills that prepare student for further study or the modern workforce