FURNESS ACADEMY

CURRICULUM OVERVIEW

COMPUTING

YEAR 7 | KEY STAGE 3



UNIT 1 | DIGITAL LITERACY

Digital literacy, online safety and responsible use of technology.

UNIT 2 | SPREADSHEETS

Organise and format data; use formulae and basic functions to model information.

UNITS 3–4 | COMPUTING

Computational thinking, algorithms and introductory programming in Small Basic.

UNITS 5–6 | DIGITAL PRODUCTS

App development and programming with micro:bits for a specific audience.

KEY SKILLS

Digital literacy and e-safety • Spreadsheet formulae and modelling • Algorithms, variables and selection • Design, test and debug products

PROGRESSION

Build foundations in digital literacy, data handling, algorithms and introductory programming, ready for more complex coding and web design in Year 8.

ENRICHMENT & APPLICATION

Opportunities to engage in I Belong in Computing and Ada Computer Science activities.

FUTURE PATHWAYS

Prepares for Years 8–9 Computing, OCR GCSE Computer Science and Cambridge Nationals Information Technologies.