

QCA scheme of work activity – modelling

Tutor resource 1.2

Year 1	An introduction to modelling	Using a word bank	The information around us	Labelling and classifying	Representing information graphically: pictograms	Understanding instructions and making things happen
Year 2	Writing stories: communicating information using text	Creating pictures	Finding information	Routes: controlling a floor turtle	Questions and answers	
Year 3	Combining text and graphics	Manipulating sound	Introduction to databases	Exploring simulations	E-mail	
Year 4	Writing for different audiences	Developing images using repeating patterns	Branching databases	Collecting and presenting information: questionnaires and pie charts	Modelling effects on screen	
Year 5	Graphical modelling	Analysing data and asking questions: using complex searches	Evaluating information, checking accuracy and questioning plausibility	Introduction to spreadsheets	Controlling devices	Monitoring environmental conditions and changes
Year 6	Multimedia presentation	Spreadsheet modelling	Control and monitoring – What happens when...?	Using the Internet to search large databases and to interpret information		

Details

- Unit 1A An introduction to modelling
- Unit 1B Using a word bank
- Unit 1C The information around us
- Unit 1D Labelling and classifying
- Unit 1E Representing information graphically: pictograms
- Unit 1F Understanding instructions and making things happen
- Unit 2A Writing stories: communicating information using text
- Unit 2B Creating pictures
- Unit 2C Finding information
- Unit 2D Routes: controlling a floor turtle
- Unit 2E Questions and answers
- Unit 3A Combining text and graphics
- Unit 3B Manipulating sound
- Unit 3C Introduction to databases
- Unit 3D Exploring simulations
- Unit 3E E-mail
- Unit 4A Writing for different audiences
- Unit 4B Developing images using repeating patterns
- Unit 4C Branching databases
- Unit 4D Collecting and presenting information: questionnaires and pie charts
- Unit 4E Modelling effects on screen
- Unit 5A Graphical modelling
- Unit 5B Analysing data and asking questions: using complex searches
- Unit 5C Evaluating information, checking accuracy and questioning plausibility
- Unit 5D Introduction to spreadsheets
- Unit 5E Controlling devices
- Unit 5F Monitoring environmental conditions and changes
- Unit 6A Multimedia presentation
- Unit 6B Spreadsheet modelling
- Unit 6C Control and monitoring – What happens when...?
- Unit 6D Using the Internet to search large databases and to interpret information