



DO YOU KNOW?

CODING & AI

Reading
Activities

Level 3

1

a Look at pages 4–5. Write the correct word on the lines.
The first one has been done for you.

bug

programming

list

file

switch

- 1 A *bug* is a mistake in the code.
- 2 You keep information in a on the computer.
- 3 When you go shopping, you sometimes write a shopping
- 4 A can be on or off.
- 5 is writing instructions for a computer to follow.

b Look at pages 4–5. Write the endings on the words.
The first one has been done for you.

tion

er

tions

ian

- 1 informa *tion*
- 2 mathematic
- 3 programm
- 4 instruc

2

Look at pages 6–9. Talk to a friend. How much can you remember?
Ask and answer the questions.

- 1 What is code?
- 2 What did Charles Babbage want to build?
- 3 Who was Ada Lovelace?



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3

Look at pages 10–11. Match the information.
The first one has been done for you.

- | | |
|--------------|------------|
| 0 or 1 = | a kilobyte |
| Eight bits = | a byte |
| 1000 bits = | a bit |
-

4

Look at pages 12–17. Read and write *T* (True) or *F* (False).
The first one has been done for you.

- 1 The number of programming languages gets bigger and bigger.*T*.....
- 2 Margaret Hamilton wrote code which took people to Mars.
- 3 She wrote her code on a laptop.
- 4 Rockets use code to travel to Mars.
- 5 The Mars Rover studies rocks on Mars.
- 6 An algorithm is a list of instructions for a computer.
- 7 The word 'artificial' comes from the name of a mathematician from Persia.



DO YOU KNOW?

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5

Look at pages 18–23. Read and circle the correct words.
The first one has been done for you.

- 1 Programmers write code to make computer *problems*. / programs.
- 2 A computer *virus* / *bug* takes information from your computer.
- 3 A bug is a mistake in the *code*. / *computer*.
- 4 The letters 'AI' come from Artificial *Information*. / *Intelligence*.
- 5 Computers with AI can sometimes *choose* / *think about* what to do.

6

Look at pages 24–29. Put the words in order to make the questions.
The first one has been done for you.

- 1 AI Can us? help

Can AI help us?

- 2 cleverer computers us? Are than

- 3 or sad? computers feel Can happy

- 4 Do a robot friend? want you