

The father of computer science



- What school subjects is Alan good at?
- What does he love doing?

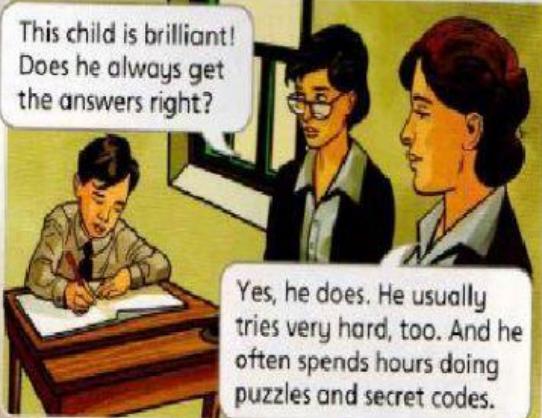
1

It is 1912. Alan Turing is born in London. As a young child, Alan learns to read in three weeks and he loves numbers.



2

When Alan is six years old, he starts primary school. He's very good at maths. He also loves doing puzzles and secret codes.



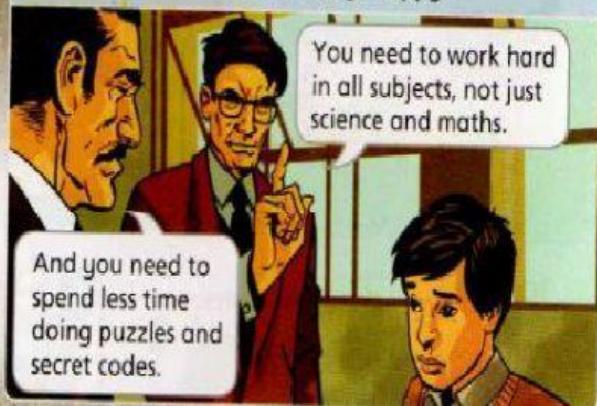
3

One day on a picnic with his family, Alan uses maths to calculate the flight path of some bees. The bees lead Alan and his family to the honey.



4

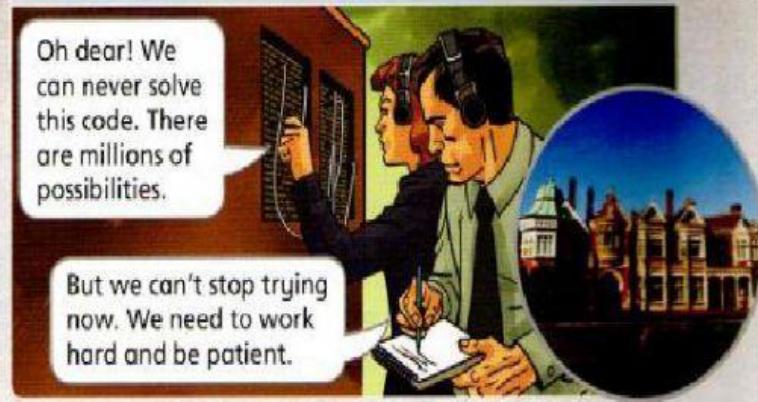
When Alan is thirteen, he starts secondary school. He's very good at science and maths. But the teachers aren't always happy.



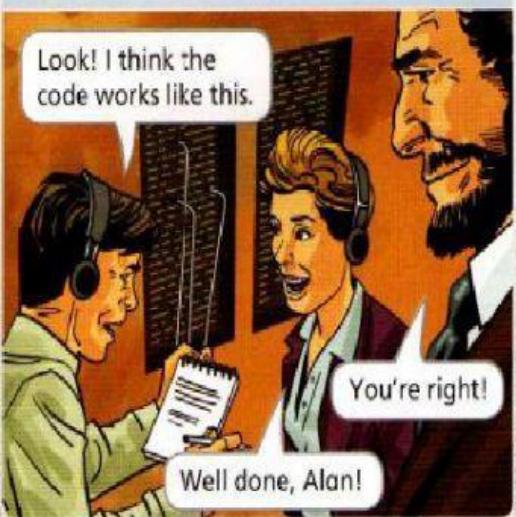
5 When Alan leaves school, he studies maths at Cambridge University. He develops a way of calculating numbers. It's called the 'Turing machine'.



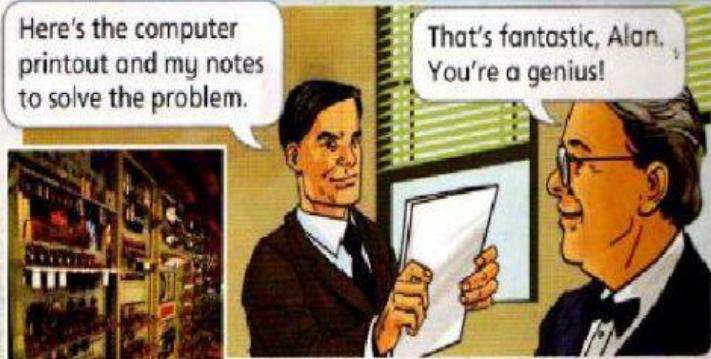
6 After university, Alan works at Bletchley Park, a big house in the countryside. He works with a team of people to crack the famous secret code, Enigma.



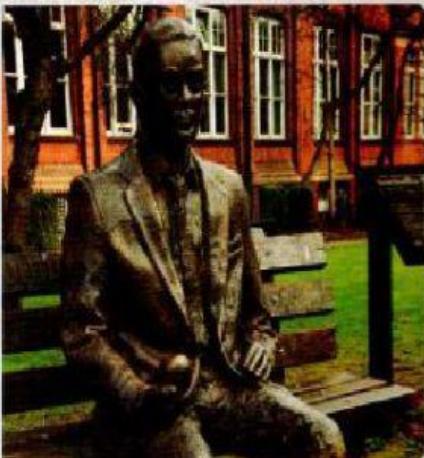
7 One day, Alan suddenly has an idea. It helps the team to crack the Enigma code.



8 Later, Alan develops one of the first computers at Manchester University. He also works on 'artificial intelligence' and secret codes.



9 Alan Turing's work on computer science, secret codes and artificial intelligence is important for electronic gadgets that we use today, like laptops and tablets. What a brilliant achievement for a boy who loves puzzles and secret codes at school!



Do you know...?

The 'Turing award' is an annual prize for computer science. In the UK, schools sometimes have code-breaking competitions to try to find the next Alan Turing.

Vocabulary



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R A D A W

After reading and listening, correct the information. You can write only the wrong information

- 1- It's 1921. It's _____
- 2- Alan Turing is in Paris. _____
- 3- Alan is very good at Language. _____
- 4- Alan uses Geometry to calculate the flight path of bees. _____
- 5- At secondary school, Alan spends his time doing gym and exercise.

- 6- He studies Computer Science at University. _____
- 7- He works in the city after university. _____
- 8- Alan breaks the code Acertijo. _____
- 9- Alan develops the first mobile phone. _____
- 10- The Turing Award is a prize for Maths.
