

The father of computer science



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

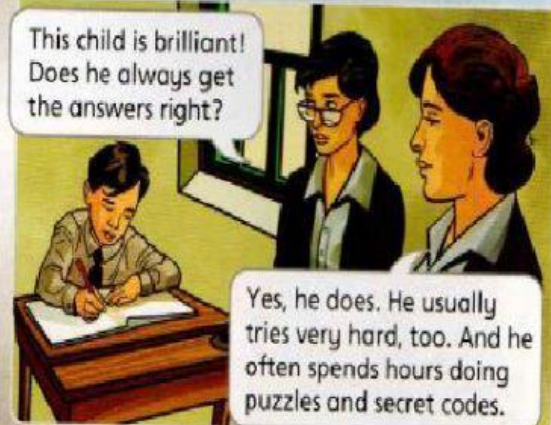
1

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



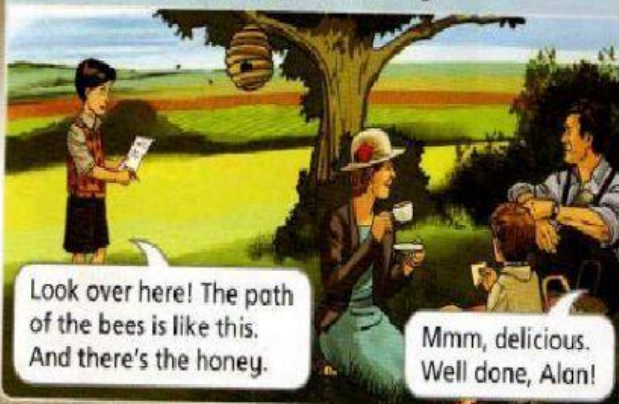
2

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



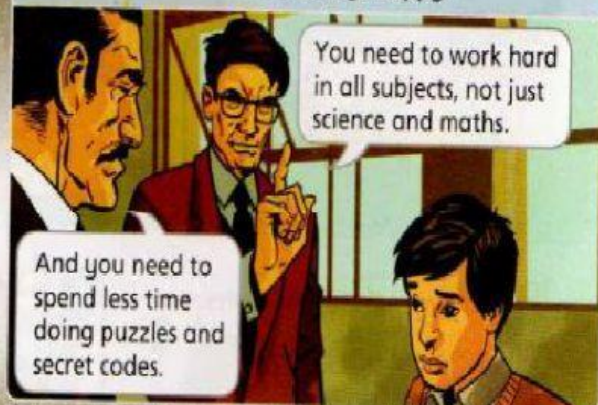
3

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.



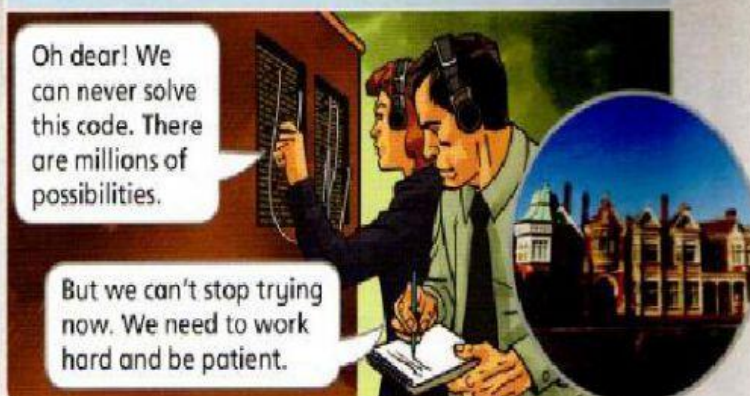
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When Alan leaves school, he studies maths at Cambridge University. He develops a way of calculating numbers. It's called the 'Turing machine'.



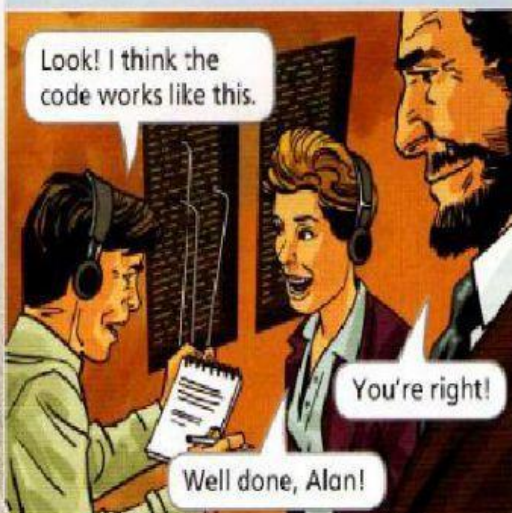
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After university, Alan works at Bletchley Park, a big house in the countryside. He works with a team of people to crack the famous secret code, Enigma.



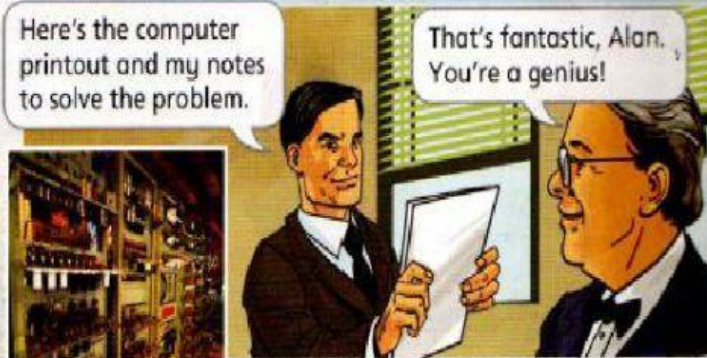
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One day, Alan suddenly has an idea. It helps the team to crack the Enigma code.



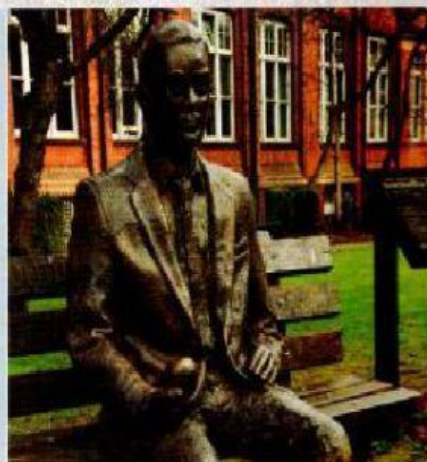
8

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



LB TILARNI



LEZUZP



EYTC SIDOUNR



ODEC



RADAW

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.