



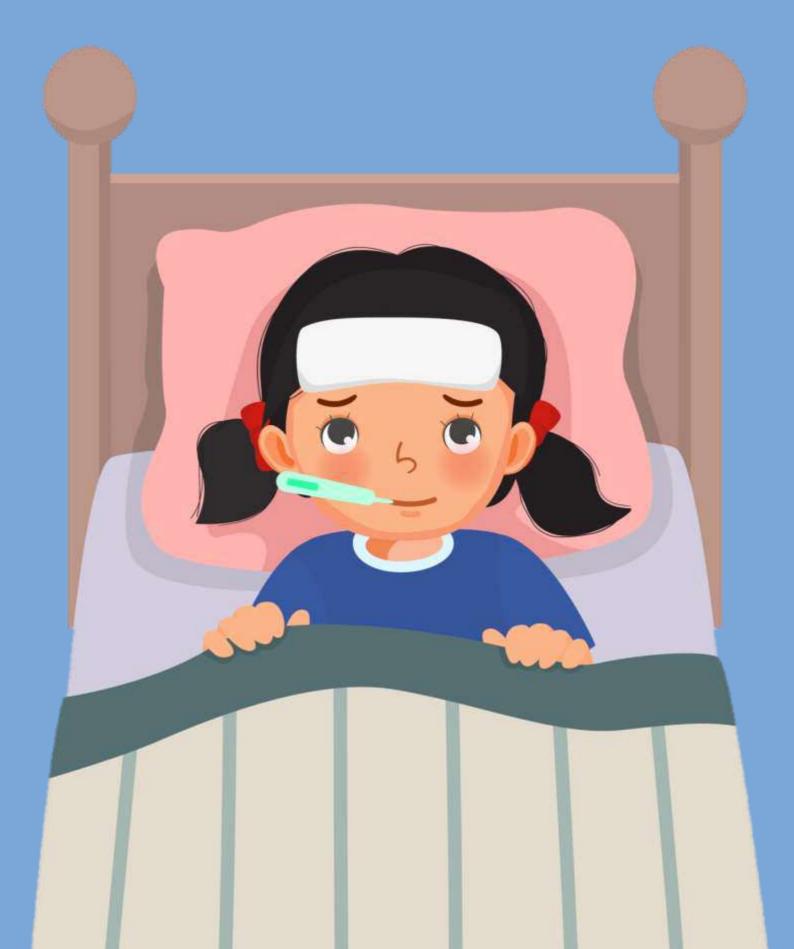


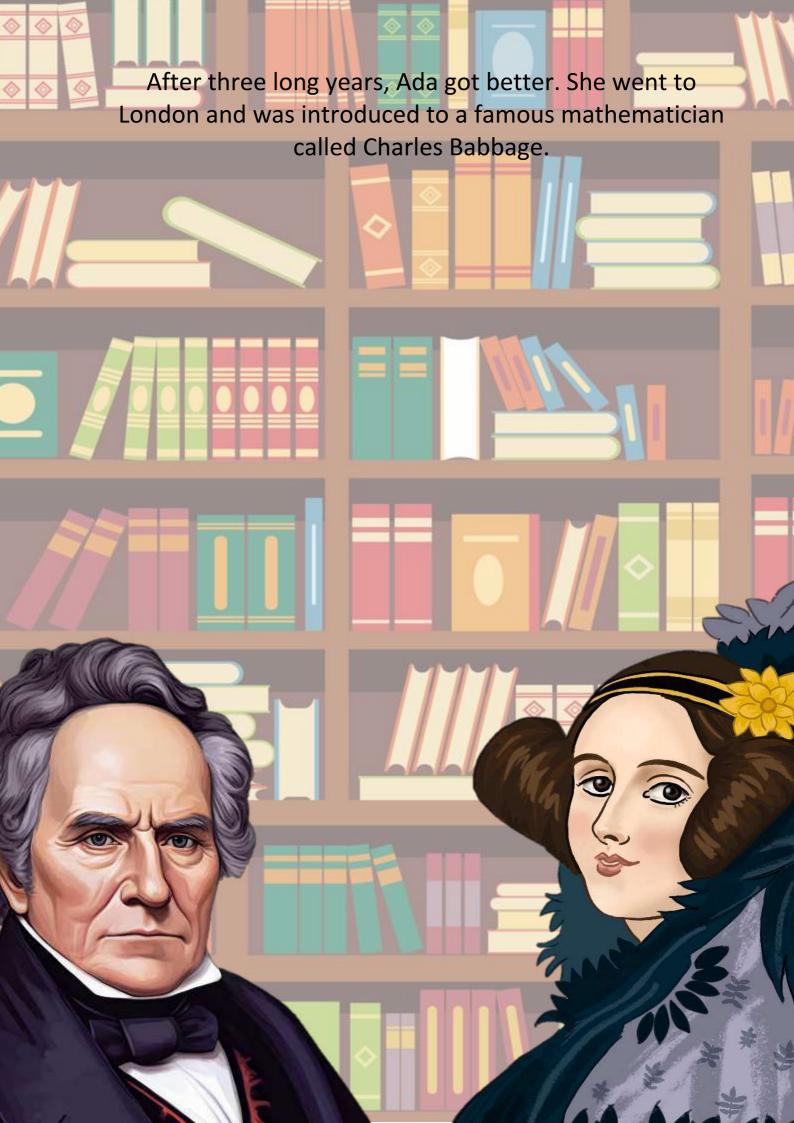




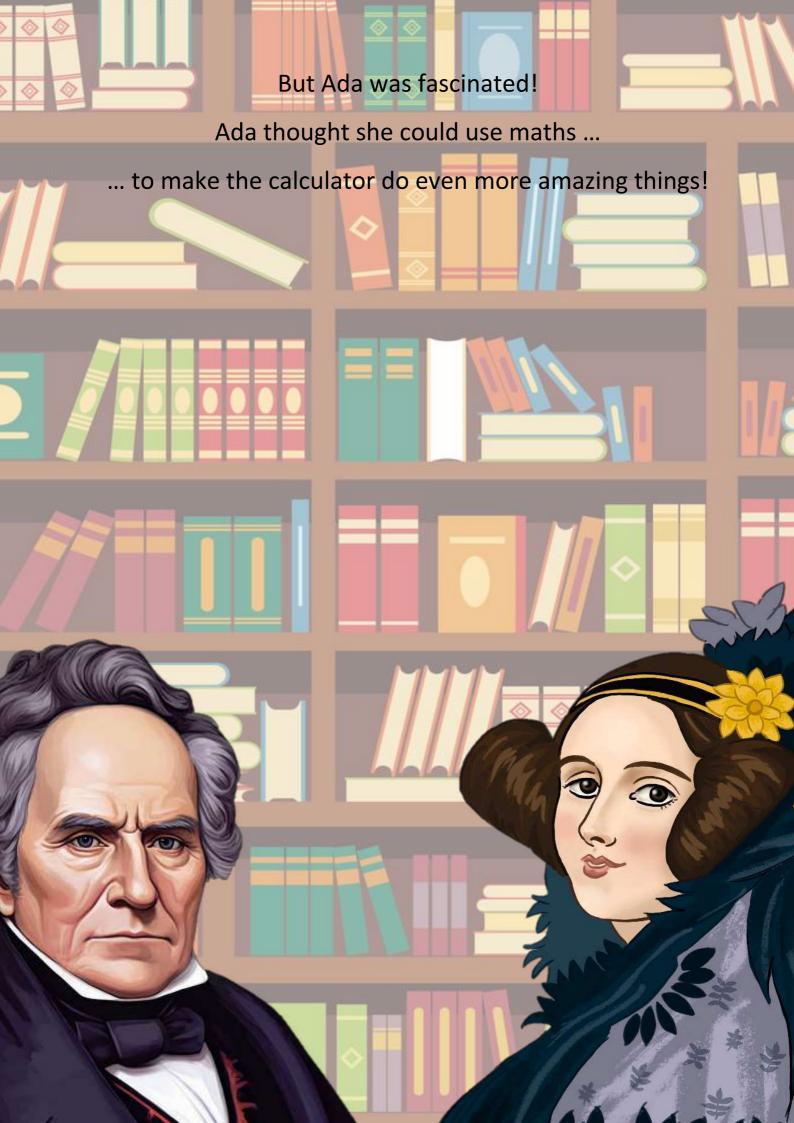


When she was 14, Ada became sick. She had to spend a lot of time resting in bed, but she kept studying, inventing and dreaming.





Mr Babbage told Ada he was building a big machine that could add together sums - called a calculator. The calculator could do sums so quickly, it was like magic. Most people couldn't understand how it worked. 9





Ada didn't know it, but she had just invented the language that computers use today. Little Ada, who loved both numbers and poetry, had become the world's first computer programmer.







Augusta Ada Byron was born in London in 1815. Her mother, Lady Byron, was a talented mathematician who loved logic. Her father, Lord Byron, was a famous poet who left his family when Ada was only five weeks old. Young Ada and her mother moved to her grandparents' house in the country.



Her mother was often away, so she was looked after by her grandmother or governess. Lady Byron was worried Ada would inherit her father's 'mad' love of poetry, so she encouraged her to learn mathematics. This was unusual for a young girl at that time, and especially unusual because Ada was from a noble family.



Aged 12, Ada started to dream of flying machines. She studied the way birds flew and wrote down her thoughts in a book called 'Flyology'.

But when she was 14, Ada became sick with measles and had to spend a long time resting in bed.



She recovered by age 17 and went to London. There, she was introduced to Charles Babbage – a famous mathematician and inventor. He was building a large calculator called a Difference Engine. Ada was fascinated and asked Babbage to show her how the machine worked.







