



Sir Isaac  
Newton

# Early life

Isaac Newton was born on the 4<sup>th</sup> January 1643, in Woolsthorpe, England.

He was expelled from school at 12 (for fighting another student) Isaac Newton's mum wanted him to be a farmer but he hated it and went back to school.

# Education

Isaac Newton went to Cambridge university. As Newton couldn't pay for it he worked as a valet – looking after gentlemen's clothes.

After a while he earned a scholarship so he didn't have to look after clothes any more

Isaac became a professor of maths at 27. He also became a fellow of the royal society which was a group of scientists from England. Also he represented Cambridge university at parliament.

# Discoveries and inventions

He discovered many different laws:

1. Law of universal gravitation -by and apple falling of a tree and he said 'whatever goes up must come down'. This also lead to the discovery of how the sun and planets move around.
2. Law of motion –on which mechanics is based and his quote was 'an object in motion wants to stay in motion and an object at rest wants to stay at rest. The force is measured in Newtons because of this.

# Cool Isaac Newton facts

1. He was the first person to build a reflecting telescope.
2. He had a rival called Robert Hooke.
3. He was knighted by queen Anne in 1705.
4. Newton was an MP but only spoke one sentence and that was to ask for a window to be shut
5. He was the first scientist to be buried at Westminster abbey.
6. While studying law (at Cambridge) Newton brought a book on maths but didn't understand it.