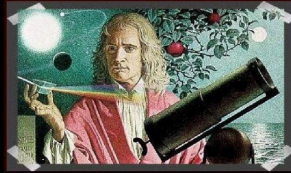


Sir Isaac Newton

The scientist who discover gravity



1 Look at the pictures. Choose the correct words to the pictures.

physics, mathematics, astronomy, disease, gravity, telescope, scientist, Earth, sun, rocket, rainbow, mirror



2 Listen to the audio, and put the paragraphs in correct order.

Isaac Newton

When he was 18, Isaac went to study at Cambridge University. He was very interested in physics, mathematics and astronomy. But in 1665 the Great Plague, which was a terrible disease, spread in England, and Cambridge University had to close down. Isaac returned home to the farm.

Isaac continued studying and experimenting at home. One day he was drinking a cup of tea in the garden. He saw an apple fall from a tree.

Thanks to his discoveries, Isaac became rich and famous. However, he had a bad temper and often argued with other scientists. 'You stole my discovery!'

Sir Isaac Newton died in 1727 aged 85. He was buried along with English kings and queens in Westminster Abbey in London. He was one of the greatest scientists and mathematicians who has ever lived.

Isaac was fascinated by light. He discovered that white light is in fact made up of all the colours of the rainbow. Isaac also invented a special reflecting telescope, using mirrors. It was much more powerful than other telescopes.

Isaac Newton was born in Lincolnshire, England in 1643, where he grew up on a farm. When he was a boy, he made lots of brilliant inventions like a windmill to grind corn, a water clock and a sundial. However, Isaac didn't get brilliant marks at school.

Isaac made another very important discovery, which he called his 'Three Laws of Motion'. These laws explain how objects move. Isaac's laws are still used today for sending rockets into space.

Why do apples fall down instead of up? From this, he formed the theory of gravity. Gravity is an invisible force which pulls objects towards the Earth and keeps the planets moving around the Sun.

3 Listen to the audio again. Which items are mentioned in the audio ?

farm

orange

farm

astronomy

television

boy

clock

sundial

school

computer

physics

internet

gravity

Earth

Covid-19

apple

light

telephone

telescope

mirror

rocket

space

rich

famous

dance

windmill

poor

invention

sun

sleep

university

wifi

karaoke

England

Malaysia

rainbow

4 Are the sentences about the singer TRUE or FALSE ?

- When he was a boy, he invented a windmill, a water clock and a sundial.
- He was very interested in physics, mathematics and astronomy.
- Cambridge University closed down because of a party.
- He formed the theory of gravity after he saw an orange fall from a tree.
- Gravity is an invisible force which pulls objects towards the Earth.
- He found that white light is made up of all the colours of the sky.
- His telescope was more powerful than other telescopes.
- His 'Three Laws of Motion' explain how objects work.
- He often danced with other scientists.
- He was one of the greatest scientists and mathematicians who has ever lived.

5 Choose the correct words in the box for sentence 1-6

physics

sundial

astronomy

gravity

telescope

rainbow

- A tool used to see far away object.
- A branch of science. The study of force, energy and structure.
- A colourful phenomenon in the sky after rain.
- An old clock to show time. It uses shadow and sun light.
- The force that pulls a body towards the centre of the Earth.
- The study of outer space and universe objects.