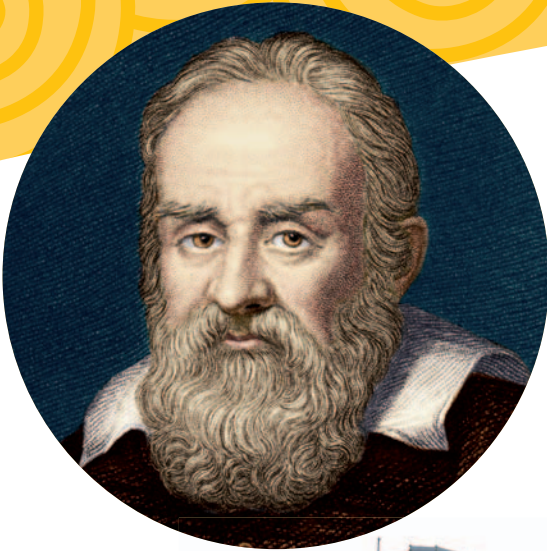


Who FOUND out?

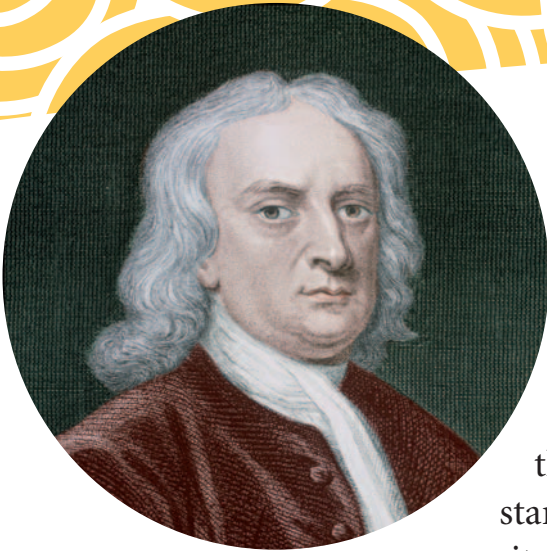


Scientist: Galileo Galilei

Galileo Galilei (1564–1642) was an Italian scientist who studied the way things fall by dropping them from the Leaning Tower of Pisa. He also made great improvements to the design of telescopes so he was able to make many discoveries. At that time, people thought that the Sun went around Earth, but he realised that Earth revolved around the Sun. He also studied craters on the Moon and found the four moons of Jupiter.

*the Leaning Tower
of Pisa, Italy*





Theories of gravity: Isaac Newton

Isaac Newton (1643–1727) was a famous mathematician and **physicist** who based some of his theories on those of Galileo. He started to develop his theories of gravity when he saw an apple fall from a tree. Newton thought that there was a force acting on the apple because it travelled faster as it fell. He reasoned that the force was the same whatever the height of the tree and that it might be **universal**. His theory that gravity was an attraction between any two objects helped him to explain the way planets orbit the Sun and the Moon orbits Earth.

