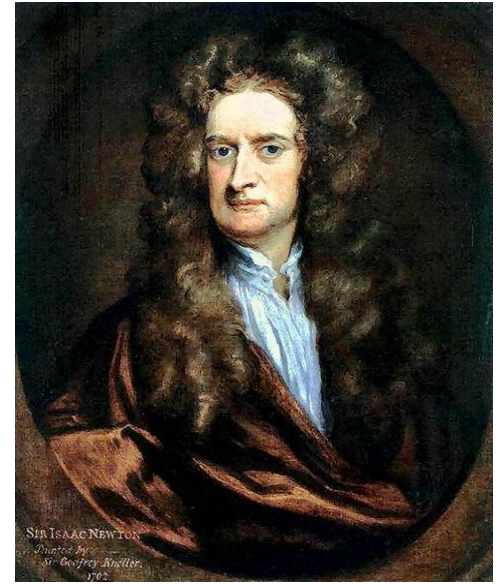


Sir Isaac Newton



Sir Isaac Newton

- English physicist and mathematician
- Most famous for his law of gravity
- He was instrumental in the scientific revolution of the 17th century.

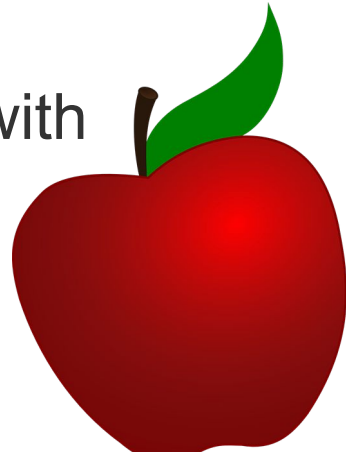




A Little Background

Between 1665 and 1667, Newton returned home from Trinity College to pursue his private study, as school was closed due to the Great Plague.

Legend has it that, at this time, Newton experienced his famous inspiration of gravity with the falling apple. Cont...



According to this common myth, Newton was sitting under an apple tree when a fruit fell and hit him on the head, inspiring him to suddenly come up with the **theory of gravity**. While there is no evidence that the apple actually hit Newton on the head, he did see an apple fall from a tree, leading him to wonder why it fell straight down and not at an angle. This caused him to begin exploring the theories of motion and gravity.





Newton's First Law of Motion (copy into notebook)

Newton's first law of motion- An object will remain at rest or in uniform motion unless acted on by an unbalanced external force.

This first law is sometimes called the Law of Inertia.

(We will learn about the second and third laws in the coming weeks.)