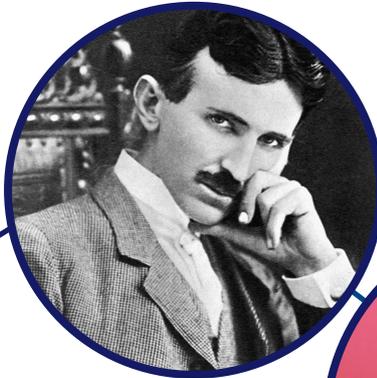


LOOminaries

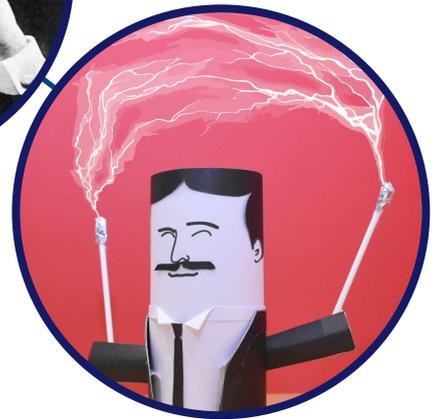
Have a go at making your favourite scientist, engineer or someone who inspires you using an empty toilet roll and items you can find in your house!

Nikola Tesla

Nikola Tesla was a scientist, engineer and inventor born in Croatia. He is best known for designing and inventing the alternating-current electric system. He also created the “Tesla coil” which is still used in radio technology. The standard unit for magnetic flux density, the tesla, is named after Nikola, as well as the company Tesla Motors.



Check out some of our favourites below!



Marie Curie

Marie Curie was a physicist and chemist who was the first woman to win a Nobel Prize and the first and only woman to win twice. She did pioneering research on radioactivity, discovering two elements: polonium and radium. Her research was crucial to the development of using x-rays in surgery, and Marie also helped to equip and drive ambulances with x-ray equipment during World War 1 to help to locate fractures, bullets and shrapnel.



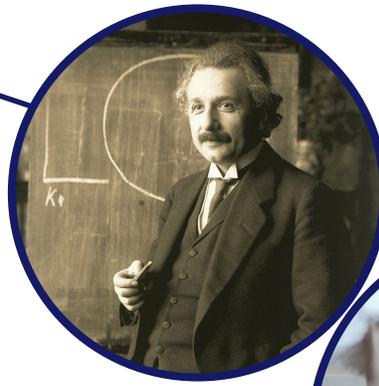
Ernest Rutherford

Ernest Rutherford was a physicist who became known as the ‘father of nuclear physics’. He worked on radioactivity, investigated how radioactive elements decay (known as half-life), discovered the element radon and won the Nobel Prize for Chemistry in 1908 for his work. In 1911, he discovered that atoms have a very small charge in their nucleus.



Albert Einstein

Albert Einstein was a physicist who developed the theory of relativity. He is probably best known for his formula $E = mc^2$ which shows that the energy and mass are directly related to each other. He won the Nobel Prize for Physics in 1921 for his discovery of the photoelectric effect.



Rosalind Franklin

Rosalind Franklin helped in the discovery of the structure of DNA. In 1951, Rosalind Franklin applied her skills in X-ray diffraction to study something completely different, DNA. Franklin was able to take images of DNA which showed its double-helix structure. Franklin's discovery changed the course of DNA history.



Mae Jemison

Mae Jemison is an engineer, doctor and NASA astronaut. She became the first black woman to travel to space and was in space for nearly 8 days and orbited the earth 127 times. Mae was involved in medical and biology related research whilst in space including looking at how tadpoles grow in zero gravity.



Tweet your creation using #LOOminaries

Why not record a short video about your LOOminary and why they inspire you? Check out <https://dougan.leeds.ac.uk/contact/loominaries> for more photos and ideas!



See #LOOminaries on Instagram or Twitter for more examples!