

Stephen Hawking: Warning to the World



Stephen Hawking had the rare condition of ALS, a form of motor neurone disease. He was paralysed from the neck down and unable to speak but this didn't stop him from being one of the most intelligent humans to grace the earth.

Stephen William Hawking was born on the 8th January 1942, in Oxford. He enrolled at the St. Albans school and then onto the university college, Oxford, his father's old college. Stephen wanted to study mathematics although his father would have wanted him to study medicine; because mathematics wasn't available at the college he went on and studied physics, being awarded a first-class honours degree after only 3 years. In 1962, Stephen went to the Department of Applied Mathematics and Theoretical Physics (DAMPT) at the University of Cambridge to conduct research in cosmology. After gaining his PhD (1965) with his thesis titled 'Properties of Expanding Universes', he became first a research fellow then fellow for distinction in science (1969) at Gonville and Caius College. In 1977, he progressed to Professor of Gravitational Physics and then Lucasian Professor of Mathematics (1979-2009).

Professor Stephen Hawking worked on the basic laws which govern the universe. With Roger Penrose, he showed that Einstein's general theory of relativity implied that space and time would have a beginning in the Big Bang and end in black holes (1970). These results indicated that it was necessary to unify general relativity with quantum theory. A result of this unification showed that black holes should not be completely black, rather they should emit 'hawking' radiation and then eventually evaporate and disappear (1974).

Stephen was awarded with many awards, medals and prizes, and received thirteen honorary degrees. He also published many books, some popular ones being *A Brief History of Time*, *Black Holes and Baby Universes and Other Essays*, *The Universe in a Nutshell*, *Grand Design* and *My Brief History*.

Robots Taking Over the World

Stephen Hawking predicted a lot of fatal disasters to happen to the planet; he predicted that fireballs are going to crash into Earth, he thought that we should find another planet to live on in the next 100 years, but one of the most concerning predictions are that artificial intelligence will replace humans, even though the other predictions could happen, this prediction is most likely to happen as people are so dependent on technology. If you think about it, how many times a day do you think you rely on technology? Also, many people are being dismissed from their jobs as there are machines that can do a better job in half the time as a human and there is less human error.

by: Lachlan and Cerys