

"science the world
has experienced
scientific
advancements

[Science](#), [Astronomy](#)



**ASSIGN
BUSTER**

" Science will never be a finished book." Albert Einstein. Biology and technology are co-dependent, technology succours biological research. Based on this, the following essay will argue for the statement ' Science and Biology have advanced over the past one-hundred years' based on the following: the world has experienced scientific advancements over the past one hundred years that have changed the way we think, technology is advancing at a more rapid pace than ever before, lastly, due to the evolution of the human body. In the 1990's Einstein's law of general relativity became famous as it explained the reasoning behind why planets orbit the sun. The law became indispensable in the world of science and astronomy.

Succeeding was Edwin Hubble who discovered there is more beyond the Milkyway in the 1920's, Hubble defined the universe known today. Moving onward to the 1940's where George Gamow expounded the first concept of the Big Bang Theory. The theory was later confirmed along with many other theories including the Earth is round. Aeon stated " After the dizzying breakthroughs of the 20th century, physics seems to have ground to a halt" However the world advances rapidly as the first man stepped on the moon and more recently shuttle ships were sent into space.

The most recent discovery being NASA finding a planet that has similar living conditions to that of Earth, showing that the world has been advancing.

Technology has become precocious, it has become cultivated to break boundaries never imagined before. Technology is increasing at a faster pace than ever before, from the first computer and the first telephone to more modern laptops and smartphones. Technology allows the ability to prosper in

selected fields including medical sciences. Brainscape reports that in the 1990's Andrew Fire and Craig Mello discovered the RNA Interference, being a biological process in which RNA molecules prevent gene expression, by neutralizing targeted mRNA molecules. Followed by the first cloning of a mammal, being Dolly the sheep. This led to biological advancements as in 2000 scientists reveals the Human Genome Project, stating the biological and chemical compositions of humans.

Later revealing evidence for the first stem cell research. Stem cell is essentially considered unethical and an impediment in the advancement of technology. However, stem cell research enables the regeneration of damaged tissue which could potentially save many lives in the future and alternative methods have been discovered as medicine and technology improve. The human body has encountered minor evolutionary changes. LiveScience reports that " a recent British study, published by the Institute for the Study of Labor (IZA) in Bonn, Germany, showed that young men in the United Kingdom have grown by 4 inches (10 centimeters) since the turn of the 20th century.

" People have counter argued blaming genes. However, it had also been noted that puberty is occurring at a younger age, with scientists calling it a step in evolution. Recently scientists have reported that the human body is evolving and babies are being born without appendixes as there has been no use for it in modern times. In conclusion, the above stated essay has argued and provided commentary and research for the statement ' Science and Biology have advanced over the past one-hundred years' based on the

following: the world has experienced scientific advancements over the past one hundred years that have changed the way we think, technology is advancing at a more rapid pace than ever before, lastly, due to the evolution of the human body.