

????????????? How Did the World Begin ??????????????

| Science says | The Bible says |
|---|----------------|
| Energy has always existed. Before time began there was a massive amount of energy. | |
| A tiny ripple in this energy 15 billion years ago led to the formation of the first matter (nuclear particles) which expanded extremely rapidly — this is the Big Bang and the beginning of time. | |
| The new matter gradually collected together to form atoms and eventually stars and planets (the earth is around 4.6 billion years old). | |
| Life first evolved in the sea out of complex molecules that had the ability to make exact copies of themselves. | |
| The first living things were bacteria, which first appeared about 3.5 billion years ago. Later (1.5 billion years ago) came other single-celled organisms. | |
| These organisms gradually evolved into more and more complex organisms and, eventually, plants and then animals. The first animals appeared around 600,000 years ago. | |
| Human beings, like every other organism, are the result of a long process of evolution by natural selection. | |
| In any population of organisms (plants, animals, fungi, bacteria, etc.) there is some genetic variation — the genetic code is not exactly the same in each individual. Some of the variations improve the chances of reproducing in a particular environment; other variations reduce the chances. Over time, the proportion of individuals with the helpful variations increases and eventually a new species may be formed. | |