

# Breaking News English.com

**Stephen Hawking explained multiverses in final paper – 21st March, 2018**

## **Level 0**

The famous scientist Stephen Hawking wrote an important paper two weeks before he died, aged 76. He explained how humans could find a multiverse. A multiverse is other universes made at the same time as our universe. He also wrote about how our universe will end. This will happen after the stars run out of energy.

Hawking said our universe came from a tiny point in space. This was after the Big Bang. Hawking said there were many big bangs. Each of them made a universe. All these universes are a multiverse. Scientists could find the multiverse by using space ships. Hawking is also famous for his best-selling book "A Brief History of Time".

## **Level 1**

The world-famous scientist Stephen Hawking published an important paper two weeks before he died, aged 76. He called it "A Smooth Exit from Eternal Inflation". He explained how humans could find multiverses. These are other universes made at the same time as our universe, after the Big Bang. He also wrote about how our universe will end, after the stars run out of energy. This paper could be his most important ever. He could have won a Nobel Prize.

Hawking explained his idea of inflation. This is when our universe was made from a tiny point in space. This was after the Big Bang. Hawking suggested there were many big bangs and each of them made a universe. All of these universes are a multiverse. Scientists could find the multiverse by using sensors on space ships. Stephen Hawking is also famous for his best-selling book "A Brief History of Time".

## **Level 2**

The world-famous cosmologist Stephen Hawking published an important paper two weeks before he died on March 14, aged 76. He published his final theory called "A Smooth Exit from Eternal Inflation". He explained two ideas. The first was how humans might be able to find multiverses. These are other universes that were made at the same time as our universe, after the Big Bang. The second theory is about how our universe will end, when the stars run out of energy. Scientists say his paper could be his most important ever, and that he could have won a Nobel Prize for it.

Hawking explained his older theory called inflation. This is when our universe was made from a tiny point in space into the billions of stars we have today. Hawking suggested there were many big bangs and each of them made its own universe. He called this collection of universes a multiverse. Hawking believed scientists could find the multiverse by using sensors on space ships. A professor of cosmology said: "These ideas offer the breathtaking prospect of finding evidence...of other universes." Hawking is also famous for his best-selling book "A Brief History of Time".

## **Level 3**

The world-famous physicist and cosmologist Stephen Hawking published an important paper before he died last week. Professor Hawking died on March 14, aged 76. Two weeks before his death, he published his final theory in a paper called "A Smooth Exit from Eternal Inflation". He explained two very important ideas. The first was how humans might be able to detect multiverses. These are parallel universes that were created at the same time as our universe after the Big Bang. The second theory is about how our universe will eventually end, when the stars finally run out of energy. Scientists say his paper could be his most important work ever, and that he could have won a Nobel Prize for it.

Stephen Hawking's new paper started by explaining an older theory of his called inflation. This is when our universe suddenly expanded from a tiny point in space into the billions of stars and solar systems we have today. Hawking suggested there were an infinite number of big bangs and each of them created its own separate universe. He called this collection of universes a multiverse. Hawking wrote that he believed scientists could find the multiverse by using sensors on space ships. Carlos Frenk, a professor of cosmology, said: "These ideas offer the breathtaking prospect of finding evidence for the existence of other universes." Hawking is also famous for his best-selling book "A Brief History of Time".