



WHERE DID WE COME FROM?

My inspiration from Professor Stephen Hawking

By Blythe Camilleri-Willis

INSIDE THE MIND OF THE BRILLIANT PROFESSOR STEPHEN HAWKING

I chose to listen to the TED (Technology, Entertainment, Design) talk from Professor Stephen Hawking. I was desperate to hear what his thoughts were on where we came from and where our future lies.

Professor Hawking is one of the most famous scientific minds of all time. He was world renowned for his research and findings on space, the big bang and the creation of the universe

He was also famous for his long battle with serious health conditions. He was diagnosed with Motor Neurone Disease when he was only 21 and studying at the University of Oxford. He never let this stop him achieving and changing the way the whole world thought about the origins of the universe!



DID YOU KNOW THAT STEPHEN HAWKING WAS ALSO DYSLEXIC?

HE BELIEVED THAT THIS ALLOWED HIM TO THINK DIFFERENTLY AND HELPED HIM BECOME WHO HE WAS. HE SAID

"REMEMBER TO LOOK UP AT THE STARS AND NOT DOWN AT YOUR FEET. TRY TO MAKE SENSE OF WHAT YOU SEE AND WONDER ABOUT WHAT MAKES THE UNIVERSE EXIST. BE CURIOUS. AND HOWEVER DIFFICULT LIFE MAY SEEM, THERE IS ALWAYS SOMETHING YOU CAN DO AND SUCCEED AT. IT MATTERS THAT YOU DON'T JUST GIVE UP."

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I loved seeing this black board from Stephen Hawking at the Manchester Science and Industry Museum (even his spelling mistakes!).

THE BIG BANG!



- Up until the 1920's it was believed that the universe was still and not expanding.
- What we know now is that the universe is expanding and distant galaxies are moving further away from us
- It was all one mass that was smaller than a pinhead and exploded in a bubble!
- This bubble exploded and the universe was created – in less than a second it grew from something smaller than an atom to a complete galaxy!

HOW DID WE GET HERE?

Meet LUCA!

The Last Universal Common Ancestor

This is where we all started – as an algae formed
in a white smoke underwater vent 3.5 billion
years ago!

This lifeform appeared around half a billion years
after the earth was created



ARE WE ALONE IN THE UNIVERSE?



- Professor Hawking thinks that we probably are.
- He believes that there are no alien civilizations within a few hundred light years – but that doesn't rule it out all together does it?????

WHAT DOES THE FUTURE LOOK LIKE?

The world's population has nearly reached 9 billion and resources are limited. We are going to have to find a planet that matches our needs.

The first and most obvious is probably Mars.

