

# Evolution: Early Life on Earth

Are we the most significant life on Earth?

Join us this summer at Sunshine Kids Academy as we take a brief look at major evolutionary events that occurred during Earth's several hundreds of millions of years history.

## The Fiery Fields Week 1 | Jul. 19<sup>th</sup> - Jul. 21<sup>st</sup>

From the Big Bang, floating particles of dust collide to form our planet and collide with Theia, forming our Moon. The terrain on Earth is not the same we know today. With violent volcanoes, constant comet rains, and stormy weather, we paint a desolate landscape to understand the foundation of life as we know it.

# First Forests & Animals

#### Week 3 | Aug. 2<sup>nd</sup> - Aug. 6<sup>th</sup>

While the cellular organisms began forming in the seas, so were the organisms on land. Kids will take a closer look at mosses and liverworts for a better understanding of how different they are to other plants they see. They will also learn about the fossilized forests that told a story of a time long ago. Later on, kids will be able to identify key differences between reptiles, birds and mammals.

# First Organisms & Amphibians Week 2 | Jul. 26<sup>th</sup> - Jul. 30<sup>th</sup>

As Earth settles into shape, the Great Oxygenation event occurs and the ozone layer is formed. Kids will learn about the first cellular life to form in the seas and how it grew to adapt to the environment around.

### First Humans & Great Apes Week 4 | Aug. 10<sup>th</sup> - Aug. 13<sup>th</sup>

How are we alike from the first primates that appeared on Earth? Let's find out through the stages of human evolution from great apes to neanderthals to homo sapiens. Kids will learn how to identify similarities and differences between each major stage of evolution, along with its advantages.

