

SES4U1/IDC4O1

Earth and Space Science:

Come take a tour with us from the centre of the Earth to the furthest reaches of the universe. In this course you will learn about Earth and its make-up. We will be looking at different types of rocks and minerals of Earth. We will also study the history of Earth, from its origin 4.5 billion years ago to today, studying the different ages. Learning about different organisms such as trilobites and dinosaurs, and what caused their extinction. We will be looking at how scientist discovered Earth's place in the solar system. How NASA and other space agencies study the solar system and all the planets in it, Mars, Jupiter, and Pluto. We will also look at other discoveries made that have expanded our knowledge of the universe and how far we can see into the past. Increasing our understanding of the evolution of stars and galaxies and finally getting a handle of the big ideas, such as the Big Bang Theory and with that the most likely fate of the universe.