

Geology, Palaeontology & Evolution



Module # 1 – Introduction

Component # 1 – Introduction to Earth and Life

Module # 2 – Earth

Component # 1 – How the Earth Works Part # 1 – Internal Mechanics

Component # 2 – How the Earth Works Part # 2 – Plate Tectonics

Component # 3 – How the Earth Works Part # 3 – Colliding Continents

Module # 3 – Extraterrestrial Geology

Component # 1 – Astrophysics & Extraterrestrial Geology

Module # 4 – Continents

Component # 1 – The First Continent

Component # 2 – Richest Piece of Real Estate on Earth

Component # 3 – Vredefort Dome Meteor Impact

Component # 4 – Supercontinents

Module # 5 – Life

Component # 1 – Creating the Atmosphere for Life

Component # 2 – Early Life in our Planet

Module # 6 - Gondwana

Component # 1 – The Rocks of Gondwana

Module # 7 – Fossils and Dinosaurs

Component # 1 – Palaeontology and Palaeobotany

Component # 2 – Reptiles and Mass Extinctions

Component # 3 – Dinosaurs Dominate

Module # 8 – The Modern World Takes Shape

Component # 1 – Oceans, Oil, Diamonds & Collapse of the Global Ecosystem

Component # 2 – Changes in Climate, Grasslands, Rivers & Deserts

Module # 9 – Hominidae

Component # 1 – The Arrival of Humans

Component # 1 – Hominins on the Highveld

Module # 10 – The 6th Extinction ?

Component # 1 – Earthquakes, Volcanoes and Killer Asteroids

Component # 2 – Lessons from the Past for the Present and Future