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Geological Time Scale

The geological time scale is a system of chronological measurement that related stratigraphy (the study of rock) to time and is used by geologist paleontologists and other earth scientists to describe the time and relationship between the events that have occurred throughout earth's history. The first geological time scale was proposed in 1913 by British geologist. Authur Holmes (1965) Holmes estimated that the earth was about 4 billion years old. The geological time scale is divided in to five main eras Coenozoic, Mesozoic, Paleozoic, Proterozoic and Archezoic. Each era is divided into periods and each period is divided into **epochs**. There is another kind of time division used the eon. The entire interval of the existence of visible life is called as **Phanerozoic eon**. The great precambrian expanse of time is divided into Proterozoic Archean and Hadean eons in order of increasing age name of eras in Phanerozic eon are coenozoic Mesozoic and Paleozoic era.

