

## Geological Time Scale

<b>Phanerozoic Eon</b> (543 mya to present)	<b>Cenozoic Era</b> (65 mya to today)	Quaternary (1.8 mya to today) <b>Holocene</b> (10,000 years to today) <b>Pleistocene</b> (1.8 mya to 10,000 yrs) Tertiary (65 to 1.8 mya) <b>Pliocene</b> (5.3 to 1.8 mya) <b>Miocene</b> (23.8 to 5.3 mya) <b>Oligocene</b> (33.7 to 23.8 mya) <b>Eocene</b> (54.8 to 33.7 mya) <b>Paleocene</b> (65 to 54.8 mya)	Human Civilisation  First Humans, Extinction of mammoths, etc due to Ice Age  Mammals, Plants, Rodents re-appear
	<b>Mesozoic Era</b> (248 to 65 mya)	<b>Cretaceous</b> (144 to 65 mya) <b>Jurassic</b> (206 to 144 mya) <b>Triassic</b> (248 to 206 mya)	<b>Mass Extinctions</b>  First Dinosaurs and Mammals
	<b>Paleozoic Era</b> (543 to 248 mya)	<b>Permian</b> (290 to 248 mya) <b>Carboniferous</b> (354 to 290 mya) Pennsylvanian (323 to 290 mya) Mississippian (354 to 323 mya) <b>Devonian</b> (417 to 354 mya) <b>Silurian</b> (443 to 417 mya) <b>Ordovician</b> (490 to 443 mya) <b>Cambrian</b> (543 to 490 mya) <b>Tommotian</b> (530 to 527 mya)	Age of Amphibians Ferns, Reptiles, Amphibians, Coal Swamps  The Age of Fish Jawed Fish, Corals Primitive Plants  Age of Trilobites and Graptolites
<u><b>Precambrian Time</b></u> (4,500 to 543 mya)	<b>Proterozoic Era</b> (2500 to 543 mya)	Neoproterozoic (900 to 543 mya) <b>Vendian</b> (650 to 543 mya) Mesoproterozoic (1600 to 900 mya) Paleoproterozoic (2500 to 1600 mya)	First sponges and multicell life appears on Earth
	<b>Archaean</b> (3800 to 2500 mya)		Single cell organisms appear, bacteria appears in the seas and “frees” oxygen
	<b>Hadean</b> (4500 to 3800 mya)		