

# GEOLOGICAL TIMELINE

SCALE: 4.6 BILLION YEARS REFERENCE: ICS STANDARD

EON	ERA	PERIOD	AGE (MA)	KEY BIOLOGICAL EVENTS
Phanerozoic	Cenozoic	Quaternary	2.58 - 0	Evolution of Homo sapiens; Glaciation cycles.
		Neogene	23.0 - 2.58	Diversification of mammals and birds; Grasslands spread.
		Mesozoic	Cretaceous	145 - 66
	Jurassic		201 - 145	Dominance of dinosaurs; First birds appear.
	Paleozoic		Permian	298 - 252
		Cambrian	541 - 485	Cambrian Explosion; Diversification of marine life.
Proterozoic	Neoproterozoic	Ediacaran	635 - 541	First multi-cellular soft-bodied organisms.
Archean	Neoarchean	-	2800 - 2500	Oxygenic photosynthesis begins; Cratons stabilize.
Hadean	-	-	4600 - 4000	Formation of Earth and Moon; Crust solidifies.

