

OLLI Story of Earth Conveyed by Rocks

Spring 2022 with Nicole Myers

Week 2

Digital presentations associated with the course & handouts will be available at:

<https://www.appreciatingearth.com/olli>

Geologic Time Scale					
EON ERA	PERIOD	EPOCH	Present		
Phanerozoic	Cenozoic	Quaternary	Holocene	0.01	
			Pleistocene	2.6	
		Tertiary	Neogene	Pliocene	5.3
				Miocene	23.0
				Oligocene	33.9
			Paleogene	Eocene	55.8
				Paleocene	65.5
					65.5
		Mesozoic	Cretaceous		145.5
			Jurassic		199.6
	Triassic			251	
	Paleozoic	Carboniferous	Permian	299	
			Pennsylvanian	318	
			Mississippian	359.2	
		Devonian		416	
		Silurian		443.7	
		Ordovician		488.3	
		Cambrian		542	
		Precambrian	Proterozoic		2500
	Archean		4000		
Hadean					

Simplified Geologic Time Scale, this week we will focus on the formation of Earth during the late Precambrian Super-Eon, during the Proterozoic Eons, and the beginning of the Phanerozoic Eon.

Simplified Geologic Time Scale from: Spooner, Alecia M. "The Geologic Timescale." *Dummies*. A Wiley Brand. <https://www.dummies.com/education/science/the-geologic-timescale/>

Simplified Tree of Life (cladogram), week 2 we focus on the evolution of early life and the events that shaped the trajectory of biotic evolution.

Domains Cladogram: <https://study.com/learn/lesson/domains-life-bacteria-archaea-eukarya.html>

