



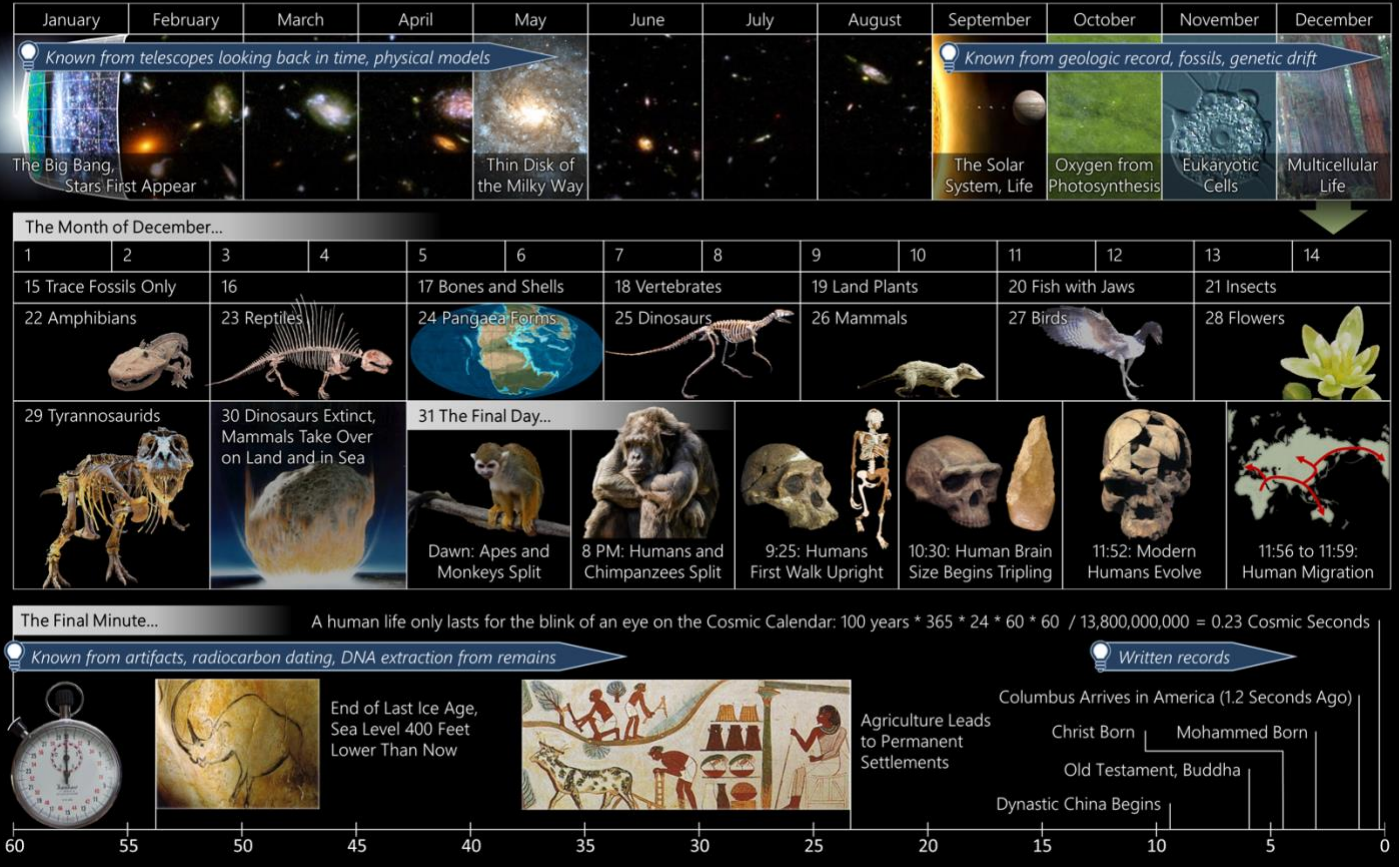
Timeline of the Universe (1 Year Calculator)

Time on Timeline	Time in Reality	Event
1 January	15 billion years ago	Beginning of universe
Early Jan-Mid March	12-14.7 billion years ago	Birth of solar system
Early September	5 billion years ago	Birth of Sun and planets
25 December	225 million years ago	Mammals appear on Earth
29 December	65 million years ago	Extinction of dinosaurs, more mammals appear
30 December	5 million years ago	First Ancestors of man appear
31 December 11:53:00 pm (23:53:00)	195,000 years ago	Homo Sapiens appears
31 December 11:59:52 pm (23:59:52)	4300 years ago	Building of Stonehenge
31 December 11:59:59 pm (23:59:59)	Around 400 years ago	Invention of the Telescope



The Cosmic Calendar

The 13.8 billion year history of the universe scaled down to a single year, where the Big Bang is January 1st at midnight, and right now is midnight 1 year later



https://commons.wikimedia.org/wiki/File:Cosmic_Calendar.png



Event	Number of Years Ago	Number of Days Ago on Calculator	Date/Time on Calendar
The Big Bang	13.7 billion	365 days	Jan 1, 12am
Formation of stars & galaxies	13 billion (roughly)	365 days plus 15 min	Jan 1, 12:15am
Formation of the thin disk of the Milky Way Galaxy	9 billion (roughly)	240 days	May 6
Formation of the Solar System	4.56 billion	122 days	Sept. 1
Formation of the Moon	4.5 billion (roughly)	120 days	Sept. 3
Birth of life on Earth	3.8 billion (roughly)	101 days	Sept. 22
First cells develop on Earth	2 billion (roughly)	53 days	Nov. 9
First Vertebrates	520 million (roughly)	14 days	Dec. 18
First Dinosaurs	230 million	6 days	Dec. 26
First Mammals	200 million (roughly)	5 days	Dec. 27
Death of Dinosaurs from impact	65 million	1.7 days	Dec. 30
First Humans (homo-sapiens)	200,000	8 min	Dec. 31, 11:52 pm
Development of Agriculture (farming)	10,000 (roughly)	23 sec	Dec. 31, 11:59:37
Development of the wheel for transportation	6,500 (roughly)	15 sec	Dec. 31, 11:59:45
Invention of the telescope	400	1 sec	Dec. 31, 11:59:59
Right Now	0	0	Dec. 31 midnight