Timeline of the early Universe

Time	Temperature	What about it?
$10^{-\infty}$		GUT time
10^{-35} - 10^{-32} s	10^{27} K	False vacuum decays strong forces seperates - quarks form up top charm down botton strange
10^{-12} s	10^{15} K	electroweak symmetry breaks - leptons form - electron, my, tau + their neutrinos
10^{-6} s	10^{15} K	protons, neutrons (hadrons) form
1 s		no more new protons, neutrons, electrons ~~Nucleosynthesis begins~~ ~~Atoms form (recombination)~~ neutrino "freeze out" ↳ gives clues to temperature
~~3 min~~		
3 min		Nucleosynthesis begins
377,000 yr		Recombination "last scattering" ↳ those photons are now CMB
150-800 Myr		"Dark ages" - no stars yet