Evolution of the universe

Time zero:

The big bang. All matter and energy are concentrated at a single point in space.

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All four forces are unified. (gravitational, electromagnetic, strong nuclear and weak nuclear) Expansion is occurring at a rapid rate.

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Gravitational force becomes prominent. Quarks and photons appear

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The strong nuclear force becomes prominent. Photons form leptons. There is more matter present than antimatter.

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The weak nuclear force and electromagnetic force become prominent. There is an increasing amount of matter. Antimatter completely disappears (at least from our galaxy)

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Helium and lithium form. Matter is in the form of plasma.

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Atoms begin to form. Photons travel freely. Cosmic background radiation is formed.

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Density fluctuations result in the first structure in the universe.

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Further structures form. Heavy elements form.

Present time.