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Evolution is the process by which species change over time through natural selection.

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Charles Darwin proposed the theory of evolution in his book "On the Origin of Species."

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Natural selection favors traits that improve an organism's survival and reproduction.

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Over generations, these beneficial traits become more common in a population.

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Fossil records, DNA evidence, and observed adaptations support evolutionary theory.

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Speciation occurs when populations diverge into new species due to environmental changes.

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Evolutionary biology helps us understand biodiversity and the history of life on Earth.