

# Core Ideas

## From Molecules to Organisms: Structures and Processes LS1

**LS1A** Structure and Function LS1.A

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**LS1B** Growth and Development of Organisms LS1.B

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**LS1C** Organization for Matter and Energy Flow in Organisms LS1.C

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**LS1D** Information Processing LS1.D

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## Ecosystems: Interactions, Energy, and Dynamics LS2

**LS2A** Interdependent Relationships in Ecosystems LS2.A

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**LS2B** Cycles of Matter and Energy Transfer in Ecosystems LS2.B

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**LS2C** Ecosystem Dynamics, Functioning, and Resilience LS2.C

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**LS2D** Social Interactions and Group Behavior LS2.D

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## Heredity: Inheritance and Variation of Traits LS3

**LS3A** Inheritance of Traits LS3.A

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**LS3B** Variation of Traits LS3.B

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## Biological Evolution: Unity and Diversity LS4

**LS4A** Evidence of Common Ancestry and Diversity LS4.A

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**LS4B** Natural Selection LS4.B

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**LS4C** Adaptation LS4.C

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**LS4D** Biodiversity and Humans LS4.D