



Earth's Systems

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[The effects of wind and water on Earth](#)

NGSS.4.ESS2.A

[The formation of mountains and volcanoes as a result of plate tectonics](#)

NGSS.4.ESS2.B

[Physical characteristics of living things within a region/ ecosystem](#)

NGSS.4.ESS2.E

[Energy derived from natural resources](#)

NGSS.4.ESS3.A

[Natural hazards that result from Earth's systems](#)

NGSS.4.ESS3.B

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Engineering Design

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[Energy and ecological solutions](#)

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[Designing solutions for engineering problems due to Earth's systems](#)

NGSS.4.ETS1.B

[Determining solutions and solving problems](#)

NGSS.4.ETS1.C

[Internal and external structures and their functions](#)

NGSS.4.LS1.A

[Sense receptors and their functions in animals](#)

NGSS.4.LS1.D

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[Structure, function, and information processing](#)

NGSS.4.LS1



Matter and Energy in Organisms and Ecosystems

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[Transfer of energy](#)

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[Objects in motion](#)

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[The presence of energy in objects](#)

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[Energy transfer through electricity](#)

NGSS.4.PS3.B

[Energy transfer through the collision of objects](#)

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[Energy transfer through chemical reactions](#)

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[What is energy?](#)

NGSS.4.PS



Structure and Properties of Matter

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[Amplitude and wavelength](#)

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[Waves as regular patterns of motion \(oceanic\)](#)

NGSS.4.PS4.A

[Reflection of light](#)

NGSS.4.PS4.B

[Measuring waves with technology](#)

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[Waves](#)

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