



Chemical Reactions

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[Liquids, solids and gases](#)

NGSS.MS.PS1.A

[Substances and their properties](#)

NGSS.MS.PS1.A

[Chemical properties of matter](#)

NGSS.MS.PS1.A

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[Chemical reactions](#)

NGSS.MS.PS1



Structure and Properties of Matter

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[Atoms and chemical reactions upon them](#)

NGSS.MS.PS1.B

[How matter changes as a result of chemical reactions](#)

NGSS.MS.PS1.B

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[Structure and properties of matter](#)

NGSS.MS.PS1



Forces and Interactions

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[Newton's third law](#)

NGSS.MS.PS2.A

[Electric, magnetic, and gravitational forces](#)

NGSS.MS.PS2.B

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[Forces and interaction](#)

NGSS.MS.PS2



Energy

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[Potential and kinetic energy](#)

NGSS.MS.PS3.A

[Heat as energy](#)

NGSS.MS.PS3.A

[Conservation and transfer of energy](#)

NGSS.MS.PS3.B

[Transfer of energy due to interactions between objects](#)

NGSS.MS.PS3.C

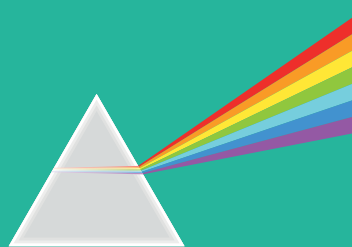
[Chemical processes of cellular respiration](#)

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[Energy](#)

NGSS.MS.PS3



Wave Properties

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[Waves as repeating patterns \(sound\)](#)

NGSS.MS.PS4.A

[How light travels](#)

NGSS.MS.PS4.B

[Information technologies and instrumentation](#)

NGSS.MS.PS4.C

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[Waves and electromagnetic radiation](#)

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