

**Energy is the
ability to move
or change
matter.**

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**Forms of
energy:**

Light

Heat

Chemical

Mechanical

Electrical

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http://www.cirrusimage.com/beetle_firefly_Photuris_lucifera.htm

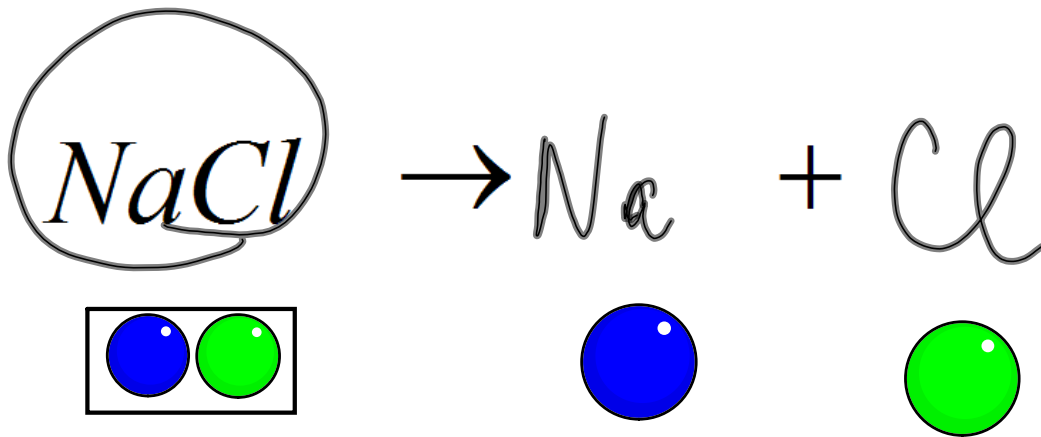


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Chemical Reaction

Reactants \longrightarrow Products

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**Chemical reactions
absorb or release energy**

video 1
video 2

Open with Video Player. In
folder with chapter 2

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Metabolism-
all of the
chemical
reactions in an
organism

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Activation Energy-
energy needed to start a
chemical reaction

Examples:

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Video

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Enzymes- substances that increase the speed of chemical reactions.

Substrate- a substance on which an enzyme acts during a chemical reaction

Active site- pockets on enzymes

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