

Ch 12 Lesson 2 Notebook

Lesson 2 Energy Transfers and Transformations

Predict three facts that will be discussed in Lesson 2 after reading the headings. Write your facts in your Science Journal.

Main Idea

Law of Conservation of Energy

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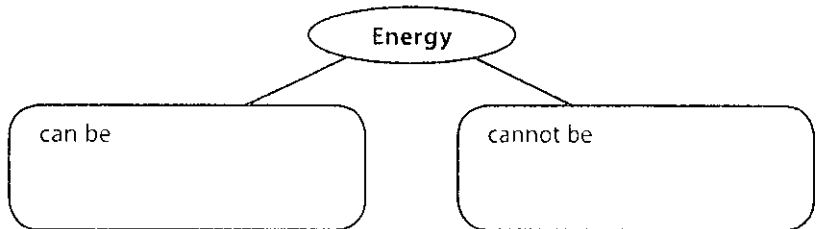
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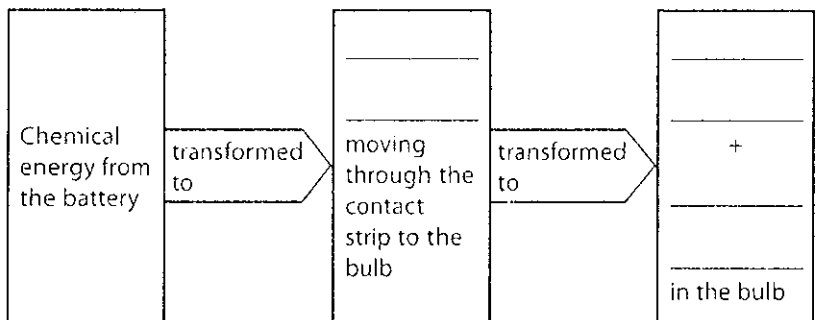
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Details

Express the law of conservation of energy in a diagram.



Apply the law of conservation of energy to energy transformations that occur in a flashlight.



Contrast energy transfer with energy transformation.

Energy Transfer	Energy Transformation

Identify three criteria required for an energy transfer to be considered an occurrence of work.

1. _____
2. _____
3. _____

Explain what makes an energy transformation inefficient.
