

7.4 Conservation of Energy: The Movement of Heat between Substances (Video)

This project was preformed to supply **Libretext Authors** with videos on General Chemistry topics which can be used to enhance their projects. Also, these videos are meant to act as a learning resource for **all General Chemistry students**.

Video Topics

The Law of conservation of energy says that the total energy between a system and its surroundings must remain constant. This means heat lost by a system is gained by its surroundings and vice versa. This idea is expressed by the equation q of the system = - q of the surroundings. Using this equation the moment of heat between two different bodies can be calculated. Also the final temperature of the combination can be found. This video contains a sample problem, which involves these concepts.

Link to Video

Conservation of Energy: The Movement of Heat between Substances: <https://youtu.be/pGEYy-pNHBg>



Attribution

- Prof. Steven Farmer ([Sonoma State University](#))

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