

7.2 The Movement of Heat in a Substance (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

Heat is defined as energy transferred between a system and its surrounds as a result of temperature difference. Heat flows from a high temp body to a low temp body. The amount of heat required to cause a substance to change temperature follows the equation $q = mC_s\Delta T$. Where q is the heat change in J, m is the mass of the substance in grams ΔT is the change in temperature ($T_f - T_i$) in $^{\circ}\text{C}$ and C_s is the specific heat of the substance in $\text{J/g}^{\circ}\text{C}$. This video contains a sample problem, which discusses these concepts.

Link to Video

The Movement of Heat in a Substance: <https://youtu.be/gaJQYke-IVY>



Attribution

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

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