

## CHAPTER OVERVIEW

### 12: C12) Thermal Energy

- [12.1: "Lost" Energy and the Discovery of Conservation of Energy](#)
- [12.2: Prelude to Temperature and Heat](#)
- [12.3: Thermometers and Temperature Scales](#)
- [12.4: Heat Transfer, Specific Heat, and Calorimetry](#)
- [12.5: Thermal Energy \(Exercises\)](#)

In this chapter, we will finally find where all of the energy goes that we have considered "lost" in previous chapters. We will find an equivalence between thermal energy and other energies we have studied. Finally, we will learn how to solve simple problems that involve thermal energy and changes of temperature of objects.

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