

Lesson 1: What Does Heating Do?

In this lesson the students make a data table based on a model provided in the Student Guide (p. 24). Since students have had several experiences with constructing data tables, they should be able to create a complete table with the following properties: title, column labels, straight lines, sufficient space for observations, date, and meaningful observations. The sample below contains all the elements of a quality data table.

Nov. 2

Let's Heat It UP!

object	Before Heating	our Predict.	After Heating	After Cooling
ice cube	clear, hard, <small>Middle is cloudy</small>	melt	Partly melted, hard	Melted alot, hard, clear
penny	hard, shiny, bronze color	nothing	Nothing changed	nothing changed
Small Candle	Smooth, pink, hard	Might melt	Partly melted, Still pink	bent, still pink
Pat of butter	Soft, yellow white square	melt	melted alot, shiny	Soft, sort of shiny, melted, like custerd
Piece of chocolate	hard, brown, rectangle	Soft	melted, soft, brown, changed, and shape	brown, shiny, soft, melted, like dark, creamy Pennabutter