Lesson 4: Where Does Heat Flow?

Students need to create a multi-columned data table for data collected in the experiment. While the Student Guide does not provide a model, students should be able to create a usable table with limited support from the teacher. Students' tables should include the following important properties: title, column labels, straight lines, sufficient space for observations, date, and legible entries. The sample below contains all the elements of a quality data table.

Time	Temp. of Warm H2O (C°)	Temp. of cold H2O (C°)
Start	60°C	6°C
1	46 °C	9°C
2	39 °C	16°C
3	36 °C	18°C
4	34 °C	20°C
5	32 °C	22°C
6	29°C	22°C
7	29°C	23°C
8	28°C	24°C
9	27°C	24°C
10	26°C	25°C

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Students should place the units of measurement in the column label, which this student did. Once the units are in the column label, they do not need to be repeated after every data entry.