

Equipment and Supplies

This book was written to allow the student activities (exercises and projects) to be completed with little or no supplies. Activities using the Temperature Probe generally use air temperature or hand temperature. Activities that use the Microphone generally use the voice. Exercise 4 uses a tuning fork, but this could be modified to allow the students to hum instead.

A list of equipment and supplies for all the activities is given below. The amounts listed are for individual workstations.

Exercise 4	tuning fork
Exercise 8	2 short wires with the insulation stripped off the ends, precision slotted screwdriver
Project 1	warm tap water, cup or beaker
Project 2	cell phone or tone dialer (optional)

All activities require the use of NI LabVIEW. We recommend and distribute LabVIEW Education Edition. The advantage of the Education Edition is that it automatically installs files that are needed for use with Vernier interfaces. For example, LabVIEW Education Edition 2009 automatically installs the SensorDAQ files and the required software driver that you need. NI LabVIEW version 8.2 or newer can also be used. See *Appendix D* for more information.