

# ICE Devices

## ***A compilation of instructions for inexpensive and easy-to-build tools for the science classroom***

compiled and edited by Natasha Aristov 1994; revised 2015

This manual contains instructions for building 10 science teaching tools; all are low cost and made with easy-to-find materials. They are not all appropriate for all grade levels: the balance and magnetic stirrer can be used in any classroom, while the other devices are more appropriate for middle school and older students, primarily because of the advanced concepts they teach, such as mass spectrometry or conductivity. Background information about soldering appears with each of the devices that involve soldering as well as a separate document.

⇒ links to the directions for building individual devices appear below

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