

Materials for the Thermal Energy Curriculum Unit

Materials are listed for a classroom of 24 students split into 6 groups of 4. Your classroom may require modifications of this list.

Source	Item	Number
Available in Kit Kits can be ordered from: Sempco 51 Lake Street #7 Nashua, NH 03060 Phone: 603-889-1830 FAX: 603-889-1766 Web: http://www.sempcoinc.com Email: info@sempcoinc.com	Paper cup, hot, 12 oz.	6
	Lids for 12 oz. cups, solid	6
	River rock, smooth	12
	Thermometer, alcohol	6
	Styrofoam box	6
	Thermometer, digital, 6"	6
	Plastic fork	6
	Plastic cup, clear, rigid, 8 oz.	18
Motion Energy kit	Teacher Energy Cubes	6
	Student Energy Cubes	36
Available on the Focus on Energy Website	Thermal Energy Notebook	24
Provided by Classroom	Markers, large sheets of paper or white board (for classroom and each group of 4 students)	7
	Source of hot (110°F), room temperature water, and cold water (35°F) **	
	Paper towels	12
	Pitcher, bucket to collect water during clean up	1
	Large eraser (optional)	24

** Note: If 110 degree tap water is not readily accessible, a 1.7 liter electric kettle is a good source of hot water. (approximately \$25)