

Materials for the Electrical Energy Curriculum Unit

Materials are listed for a classroom of 24 students split into 12 pairs. 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	Hand-crank generator, DC	12
	Motor and propeller assembly	12
	Wires with alligator clips, red	13
	Wires with alligator clips, black	13
	Capacitor, 5.0-V @ 2.5F	12
	Solar panel, 1-V, 400-mA	12
	Propeller	12
Motion Energy kit	Teacher Energy Cubes	6
	Student Energy Cubes	72
Available on the Focus on Energy Website	Electrical Energy Notebook	24
Provided by Classroom	Markers, large sheets of paper or white board (for classroom and each group of 4 students)	7
	Table top electric fan	1
	Light farm (if necessary, 4-6 lamps to stand in for the sun)	1
	Optional: black construction paper	12