

GETTING STARTED WITH EQUIPMENT NEEDED TO CONDUCT THE ACTIVITIES.

Items needed—not supplied in Material Kits

Preparing the equipment needed for each activity in this chapter is an important procedure. There are some items, however, needed for the chapter that are not supplied in the It's About Time material kit package. Many of these items may already be in your school and would be an unnecessary expense to duplicate. Please carefully read the list of items to the right which are not found in the supplied kits and locate them before beginning activities.

Items needed—not supplied by It's About Time:

- **Ripple Tank**
- **Pencil**
- **Key or other small metal object**
- **Water, about 300 cc in a container**
- **Various Wind Instruments**
- **Sound probe and software**
- **Small amount of play sand**
- **Oscilloscope**
- **Cosmetics Mirror**
- **Overhead Projector**
- **File card with an arrow-shaped cutout**

Equipment List For Chapter 4

PART	ITEM	QTY	ACTIVITY	TO SERVE
22-2000-C1	40-W Bulb and Socket, Ceramic w/Switch	1	6, 8, 9	group
AC-2279-C1	Acrylic Block	1	7	group
AS-6105-C1	Acetate Sheet, 8 cm Square	1	8	group
BH-0046-C1	Board, Socket	1	4	group
BS-1599-C1	Battery, 9-volt	1	4	group
BS-1608-C1	AA Battery	1	5	group
BS-1606-C1	Battery Clip, w/Solid Wires, 9-volt	1	4	group
BS-5903-C1	Bulb, Clear 100-W	1	8	group
BS-6120-C1	Bulb, Set/4, Red, Blue, Green, White	1	9	group
CS-3246-C1	C-Clamp	1	2	group
CS-6109-C1	Capacitor, 4.7 Muf.	2	4	group
CS-6110-C1	Capacitor, .001 Muf, .01 Muf, .220 Muf.	4	4	group
CS-6111-C1	Cardboard Sheet, 14x14 Square	1	5, 6, 7	group
CS-5011-C1	Unlined Index Cards	100	1, 6, 7	group
FF-7704-C1	File Folder	6	9	group
FL-0015-C1	Fishing Line Spool	1	2	group
GS-5016-C1	Goggles, Safety	1	2	group
LH-6534-S-C1	Laser Pointer	1	5, 6, 7	group
LS-0015-C1	1.5-volt Miniature Light Bulb	1	5	group
LS-1001-C1	Lens, Convex Focal Point 10 cm	1	8	group
LS-4119-C1	Stand for Clip-on Lamp	3	9	group
LS-6600-C1	Light Source for Optical Bench Apparatus	1	5	group
LS-9000-C1	Lamp, Clip-On w/Shade	3	9	group
MH-2621-C1	Mass Hanger	1	2	group
MS-1006-C1	Convex/Concave Mirror Surface	1	6	group
MS-1425-C1	Marker, Felt-Tip	1	8	group
MS-2114-C1	Mirror, Plane, 3 × 4 × 1/2	2	5	group
OH-1404-C1	Optical Bench Apparatus	1	5	group
PH-3070-C1	Pulley on Mount	1	2	group
PM-0521-C1	Protractor	1	5, 7	group
PR-0001-C1	Right Angle Prism	1	5, 6, 7	group
RH-6131-C1	Rod, Glass	1	5, 6, 7	group
RS-0250-C1	Resistor, 100k-Ohm	4	4	group
RS-0251-C1	Resistor, 10k-Ohm	4	4	group
RS-2826-C1	Ruler, Metric	1	3, 5, 6, 7, 8	group
SH-3639-C1	Heavy Duty Slinky®	1	1	group
SH-7776-C1	Speaker w/Solid Wire Leads	1	4	group
SM-1676-C1	Stick, Meter, 100 cm, Hardwood	1	1, 2, 6, 8	group
SS-1281-C1	Steel Scissors	1	1, 3, 8, 9	group
SS-6113-C1	Drinking Straws	10	3	group
SS-6133-C1	Support for Mirrors	2	5	group
SS-6135-C1	Screen, White	4	9	group
SS-7778-C1	Stopwatch	1	1	group
TS-0337-C1	Test Tube	5	3	group
TS-0555-C1	Timer Chip, 555	2	4	group
TS-2662-C1	Tape, Masking 3/4 × 60 yds.	1	1, 6	group

Equipment List For Chapter 4, continued

PART	ITEM	QTY	ACTIVITY	TO SERVE
WH-0500-C1	Hooked Mass Weight, 500 Grams	3	2	group
WH-9012-C1	Slotted Weight Set	1	2	group
WS-1146-S-C1	Wire, #24/4", Insulated, Solid	4	4	group
WS-6136-C1	Wood Block to Raise Light Source	3	7	group
ITEMS NEEDED – NOT SUPPLIED BY IT'S ABOUT TIME				
	Ripple Tank	1	1	class
	Pencil	1	2	group
	Key or other small metal object	1	2	group
	Water, about 300 cc in a container	1	3	group
	Various Wind Instruments	1	3	class
	Sound probe and software	1	3	class
	Small amount of play sand	1	4	group
	Oscilloscope	1	4	class
	Cosmetics Mirror	1	6	group
	Overhead Projector	1	8	class
	File card with an arrow-shaped cutout	1	8	group