

# PTYS Laboratory/Experiment Supplies

*Cabinets located in hallway south of Kuiper 330*

**Ask Academic Office for access and CHECK OUT ALL MATERIALS**

**Contact Mary Guerrieri with questions and problems: 621-2828, [mary@lpl.arizona.edu](mailto:mary@lpl.arizona.edu)**

<b>See Bert Orosco, Kuiper 325</b>		<b>Quantity</b>
24" inflatable Earth globe		1
12" Moon globe		1
Rotating platform (Coriolis)		1
Diffraction glasses		115 sets
Microscopes		10
<b>Item</b>	<b>Quantity</b>	
Geiger counter (check out from Tim Swindle, Kuiper 323)		1
Ocean Optics visual/near-infrared spectrometers (check out from Kuiper 317)		2
<b>See Maria Schuchardt (450)</b>		
Large meteorites		1 set
<b>Cabinet 1</b>		
<b>Item</b>	<b>Quantity</b>	
Rock Lab kits (large tupperware labeled "Rock, Mineral, and Meteorite Experiment")		8
Granite - Rhyolite		1 box
Gneiss - Tuff		1 box
Random rocks		1 plastic bag
Thin sections		1 box
Magnets		2 small boxes
Styrofoam cups		Yes
Small rock lab kits (small green Tupperware labeled "Rock, Mineral, and Meteorite Experiment")		6
Teaching rock samples		2 lg boxes + 1 tupperware
Mechanical equivalent of heat apparatus		1 box

<b>Cabinet 2</b>	
<b>Item</b>	<b>Quantity</b>
Oscilloscopes	8
Speed of Light Lab kits	4
Oscilloscope probes	16 (in a box)
Nalgene beakers, 4000ml	3
Graduated cylinders	7 lg (250mL) 4 sm (25 mL)
Thermometers	59 in one box
Styrofoam cups	Yes
Aluminum foil	Yes
Saran Wrap	Yes
Wired thermometer/hygrometer	1
Masking tape	Yes
<b>Cabinet 3</b>	
<b>Item</b>	<b>Quantity</b>
Three-beam balance	11
Scale	1
Qwikrete cement color	Yes
Poker chips	Yes
Dice	Yes
Cratering experiment materials	Yes
Styrofoam cups	Yes
Solar furnace	1 box

Cabinet 4	
Item	Quantity
Prism spectrometers	10
Spectrometer light sources	3boxes
Extra Spectrometer parts (small black boxes)	2
Absorption cells	1 box
Flame salts	1 box
Project STAR spectrometers	7
Microscope spare bulbs	1
Microscope adjustment tools	1 box
Glass jars	12
QA spectroscopes	9
Hand lenses	6 (in a container)
Cabinet 5	
Item	Quantity
PTY5 109 flashlights	16
Lead bricks	Yes
Telescope eyepieces	2 boxes
Clamps	Yes
Telephone wire	1 spool
Light sources for spectroscopy experiments	3 sets
Extra light source tubes	1 container
Spectrum tubes P/S	6
Spectrum tubes (air/2, iodine, mercury/2, water vapor)	6 total
Wire strippers/splicers	15
(20) 16mm d12 opaque polyhedral dice	20
Metal stands	9
Radioactive material	5 boxes
Clear plastic containers	5 boxes
Spare hardware for telescopes	1 box

Bumpers	Yes
Slide glides	Yes
Spare hardware for telescopes	1 container
Scissors	1
Rope	1
Twine	1 spool
Light bulbs	4 boxes
Screwdriver	1
Lightbulb fixtures	1 container
Stopwatch	1
Rolled plastic sheets	3

Cabinet 6	
Item	Quantity
Lab aid kits and modules: Ob-scertainers	3
Luster meters	7
Old software	Yes
Basketballs	3
Stopwatches	2
Meter sticks	15
Vernier calipers	Yes
Watch batteries	Yes
Tripods	5
Reflectance spectrometers	2
Bottles	Yes
Shawl's apparatus for demonstrating Newton's First Law	1
Introduction to Scale Models (Pascucci exercise, PTYS 214) materials: 5 rolls tape, 5 scissors, 5 highlighters, 1 heavy twine, 1 16" measuring tape	Yes
<b>DVDs:</b> Charles Darwin and the Tree of Life; Tour of the Electromagnetic Spectrum; Wonders of the Solar System	Yes

<b>Room 330 Supplies: Cabinet 1</b>	
<b>Item</b>	<b>Quantity</b>
Boxes of sand	10
HCl bottles (in Nike box)	19
Meter sticks	15
Miscellaneous rocks	2
Collision balls	9
<b>Room 330 Supplies: Cabinet 2</b>	
<b>Item</b>	<b>Quantity</b>
Jars – rock samples	6
Container w/ various labeled rocks for teaching lab	7
Boxes of sand	2
Small boxes, rock samples (see cabinet door for rock types/origins)	15
Safety glasses (left drawer)	25
Aluminum foil	Yes
<b>Room 330 Supplies: Cabinet 3</b>	
<b>Item</b>	<b>Quantity</b>
Hard hats	24
<b>Top Cabinet 1</b>	
Box of hardware	1
Teaching supplies (colored sand/rope/sticks/globe)	Yes
Styrofoam cups	Yes
<b>Top Cabinet 2</b>	
Container w/ various labeled rocks for teaching lab	1
Box w/ various rocks not labeled	1