



ITEACH EDUCATOR RESOURCES



3254 East Kemper Road
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iSPACEscience.org

There's More To LIGHT Than Meets The Eye Materials

Kit Contents			
Activity	Item	Qty in Kit	Needed for Activity
Path of Light	Spray Bottle	1	1/class
Spectroscope	White Gloss Mailing Tube	50 pieces	1/participant
Spectroscope	Aluminum Foil	1 roll	2 - 4"x4" squares & 1" x 3" strips/participant
Spectroscope	Diffraction Grating	1 sheet	1" square/participant
Spectroscope	Rubber Bands (#16 or #18)	60+	2/participant
Light Travels/ UV Man/Laser Light in a Cup	Laser/UV light	12	1/ pair of participants
UV Man	Pipe Cleaners/Fuzzy Sticks	50 pieces	1.5/participant
UV Man	Pony Beads	100 pieces	3/participant
UV Man	UV sensitive Pony Beads	100 pieces	3/participant
Magic Appearing Coin	Bowl (opaque)	1	1/class
Broken Straw/Laser Light in a Cup/Magic Disappearing Coin	Plastic Cups	40	1/participant
Broken Straw/Laser Light in a Cup	Coffee Stirrers	40	1/participant
Laser Light in a Cup	Coffee creamer (powder)	2 pkg	Tiny pinch/participant
Seeing and "Hearing" IR Light	Solar Mini Panel with Alligator Clips	1	1/class
Seeing and "Hearing" IR Light	Shielded Cable, 1/8" Plug	1	1/class
Seeing and "Hearing" IR Light	RadioShack® Mini Audio Amplifier	1	1/class
Seeing and "Hearing" IR Light	9 Volt Battery/AAA Batteries	1/2	1/class
Seeing and "Hearing" IR Light	TV Remote	1	NA
Scaling the Solar System	3# Tub of Dough	4	4/class
General	Book: The Inside Story of the Sun	1	1/class
General	Book: The Sun	1	1/class
General	Rainbow/Eclipse/3D Glasses	1/1/1	1/class
General	Various NASA Materials	1	1/class
Not Included in Kit			
Broken Straw/Laser Light in a Cup/Magic Disappearing Coin	Distilled Water, or if using tap water, pour the day before use	None	Approximately 3/4 Cup/participant
Magic Appearing Coin	Water	None	Small pitcher
Spectroscope	Light Sources	None	Various
Magic Appearing Coin/Magic Disappearing Coin	Penny	None	1/participant
Seeing and "Hearing" IR Light	Additional Remote Controls	None	Various
General	Paper Towels/Tape	None	As needed



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Specialty Materials/Equipment Resource List

All Electronics

2' CABLE, MONO 3.5MM PHONE PLUGS BOTH ENDS Item: CB-352

Educational Innovations

Solar Beads <http://www.teachersource.com/category/s?keyword=uv+beads>

Paper Mart

Tubes for Spectroscopes Item number: 0861112 1-1/2 X 12 (.06)

WHITE GLOSS MAILING TUBE

<http://www.papermart.com/Product%20Pages/Product.aspx?GroupID=1212&SubGroupID=1213&ParentGroupID=18891#1213>

Rainbow Symphony

Diffraction Grating (one sheet) #01505 Substrate: Clear polyacetate film Lines or Grooves: 500 lines/mm Groove Orientation: Linear

<http://www.rainbowsymphonystore.com/difgratfilsh.html>

Rainbow Glasses

<http://www.rainbowsymphonystore.com/digrgli500l.html>

Radio Shack

RadioShack® Mini Audio Amplifier

Model: 277-1008 | Catalog #: 277-1008

Pitsco Education

Solar Mini Panel with Alligator Clips

[Product ID: W59043](#)



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