

<i>Camp Example Slides</i>		• <i>Earth, Sun, and Moon model</i> (this can also be created using Activity 3: Paper Plate Solar System Model) • <i>1 tilted globe with a stand</i> • 8 flashlights • 8 globes or <i>inflatable Earth globes</i> • <i>Sticky note flags</i>
• Printed <i>mystery cards</i> (preferably laminated) • Chart paper • Markers • Scrap paper or notebooks • Pencils		
• Laptops (or any device with internet connection) • Paper • Pencils • Colored pencils • <i>Suggested Worksheet</i> or use your own journal or notebook for sketching	• Foam <i>Earth models</i> • Handmade magnetometer • Bar shaped rare earth magnets • Standard circle magnets • Large bowls • Tape • Paperclips • Pencil • Push pin	
• Large paper plates (~9 inches) • Small paper plates (~6 inches) • <i>Moon template</i> printed on cardstock • Coloring supplies (ex: crayons, markers, etc) • Scissors • Brass fasteners • Push pin • Long paper strips (~16in; ~ ½ in thick) • Short paper strips (~8in; ~ ½ in thick) • Optional: 2in hole punch • Optional: Something to trace a small circle with	• UV Beads - Where to Purchase: • <i>Carolina Biological</i> • <i>Arbor Scientific</i> • <i>Black light or UV Flashlight</i> • Pipe cleaners • Regular plastic beads • Images of the Electromagnetic Spectrum printout • <i>Worksheet</i> to test UV beads printout • Pencil	
• Play-doh, Model Magic or modeling clay of a variety of colors • Clay tools (rollers, etc) • Plastic knife • Paper plates • Information <i>Slides</i> • Layers of the Sun <i>Visual Guide pdf</i>	• Oil pastels • Paper (cut in half sheets) • Masking tape • White paint • Toothpicks • Pencil • Bowls for paint • Paper towels or blending sticks	

Per 2-3 Participants • 6V AA battery holder (x1) • AA batteries (x4) • 1 Red and 1 black alligator clips • Mini 6V light bulb (x1) • Mini 1.5V light bulb (x1) • Light bulb holder (x1) • Modeling clay • Large paper clips (x2) • Steel wool (grade 0) • Cardstock sheet • Fuse example		• 4x6" corrugated cardboard or foam board • Clamp lights • Flood light (or other strong light) • Solar Panels: AMX3d Micro Mini Solar Cells – 1.5V 400mA 600mW Compact 80 x 60mm Solar Panels • DC 1.5-3V 15000RPM Mini Electric 130 Motor Kit • Wheels - 30mm x 8mm Plastic Roll 2mm Dia Shaft Toys Wheel • Alligator clips • Plastic straw cut into 2 3-4 inch • Axle - Stainless Steel 150mm x 2mm Round Shaft Rod • Gear on the motor: Modle: 092A; Number of teeth:9 ; Modulus: 0.5 Modulus; Outer diameter: 5.5mm; Hole diameter: 2mm; Thickness: 5mm • Gear on the axle: Plastic Gears Model 50102A, 50 Teeth, 0.5 Modulus, 26mm Outer diameter, 5.7mm Thickness, 2mm Hole Diameter. • Masking tape or clear tape • Paper clip • Box cutter • (Optional) Suggested Solar Powered Car Kits: - Solar Made - Solar DIY Micro Car Kit - Pitsco Kit
• Glasses template, see Additional Resources for an example • Red filter, Lee Filters Direct in 026 Bright Red Lighting Gel • Green filter, Lee Filters Direct in 090 Dark Yellow Green Lighting Gel • Transparent tape • Red crayons that match the red filter • Green crayons that match the green filter • Index cards or white paper		
		• Styrofoam balls (4-5" diameter) • Pencil • Stationary light source with a 100 watt lightbulb. Ex: - Clamp light - Lamp without a shade • Extension cord • Table or chair
• Closable cardboard box (see preparation section) • Aluminum foil • Clear plastic wrap • Gluesticks • Masking tape • Ruler • Stick or dowel to prop the lid open • Meltable items (see preparation section) • Optional: Temperature gun or thermometer • Solar Ovens Visual Guide pdf		• Slides (239-243) • Optional: <i>Print out templates of a scroll or other suitably historic theme such as a stone temple, old looking book, etc.</i>

		<i>Example of a scroll template:</i> https://timvandevall.com/templates/blank-scroll-templates/ • Writing Utensils
--	--	---