
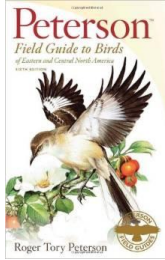
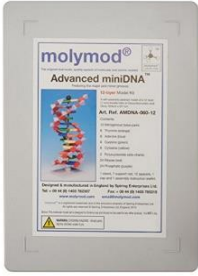
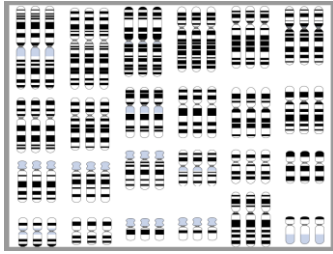


WESO Supplied Materials for Back to Nature		
15 specimen Rock Study Kit (2019)		http://www.homesciencetools.com/product/rock-study-kit-15-specimens/
15 specimen Mineral Study Kit (2019)		http://www.homesciencetools.com/product/mineral-study-kit-15-specimens/
Streak Plates (2020) One White, One Black		https://www.wardsci.com/store/product/8889137/streak-plates

WESO supplied Clay for Barge Building (2020) (same clay as previous year)		
Sculpey EZ shape non-dry modeling clay.		http://www.sculpeyproducts.com/collections/ez-shape-modeling-clay/products/ez-shape-non-dry-modeling-clay-primary-colors-5-pc

<h2 style="text-align: center;">WESO supplied Circuit Wizardry Kits</h2> <p style="text-align: center;">(2 kits per school in 2020. Will not be issued in 2021)</p>		
Item	Quantity	Link
Electronic Circuit Kit (2) (in 2020)		http://www.amazon.com/gp/product/B07H7VZCX5
9V power Supply (in 2020)		http://www.amazon.com/Arduino-Power-Supply-Adapter-110V/dp/B018OLREG4/
Breadboard Alligator Clip Jumpers (in 2020)		http://www.amazon.com/gp/product/B07GVGGYJ7
Digital Multimeter Distributed in 2018		http://www.amazon.com/gp/product/B01M5BOETH

<h2 style="text-align: center;">WESO Supplied Book for Feathered Friends</h2> <p style="text-align: center;">(Re-Supplied to schools in 2017)</p>		
Peterson Field Guide to Birds of Eastern and Central North America		http://www.amazon.com/dp/0547152469

GENE-ius		
DNA Model kit (supplied in 2017)	 A rectangular box for the Molymod Advanced miniDNA kit. The box is white with a blue and red design. It features the Molymod logo at the top, followed by the text "Advanced miniDNA". Below this is a small image of a DNA double helix. There is also some smaller text and a warning symbol at the bottom of the box.	http://www.amazon.com/gp/product/B00601N560
Chromosome magnets (supplied in 2019)	 A set of chromosome magnets arranged in a grid. Each magnet is a small rectangular card with a black and white pattern representing a chromosome. The patterns are organized into pairs, representing the 23 pairs of human chromosomes. The magnets are arranged in a grid that is approximately 10 columns wide and 23 rows high.	Printing Instructions Chromosome Set

Gravity Racer

Ramp Supplied in 2016. LEGO Vehicle kit (individual pieces below) supplied in 2019

Vehicle Kits (1 per school)

LEGO Pick-A-Brick Custom design.







<http://shop.lego.com/en-US/Pick-A-Brick-ByTheme>


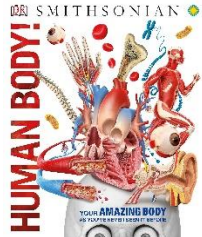
LEGO Part Name	Element ID	Color	Quantity
½ Bush	4211573	Grey	4
Brick 1x2	300401	White	4
Brick 1x4	301001	White	2
Brick 2x2	300321	Red	2
Brick 2x3	300224	Red/Yellow	4
Brick 2x4	300121	Red	2
Bush For Cross Axle	4211622	Grey	4
Corner Plate 1x2x2	242021	Red	2
Cross Axle 8M	370726	Black	2
Plate 1x2	302321	Red	2
Plate 2x16	428226	Black	1
Plate 2x4	302021	Red	2
Plate 2x6	379521	Red	1
Plate 2x8	303426	Black	2
Plate 4x6	303226	Black	1
Rim Wide 18/14 W. Cross 04.8	4490127	Grey	4
Roof Tile 1x2 Inv.	366501	White	2
Roof Tile 1x3/25° Inv.	4211068	Grey	2
Technic Brick 1x4, 04,9	4211441	Grey	4
Tyre Normal Wide 030,4 x 14	4619323	Black	4

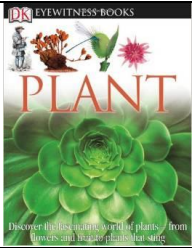
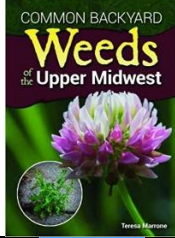


Ramp, wooden




Custom Design

<h2 style="text-align: center;">WESO supplied Hang Time Equipment</h2> <p style="text-align: center;">(Supplied to schools in 2019)</p>		
<p>Aqua Port II Water Rocket Launcher</p>		<p>http://www.pitsco.com/AquaPort_II_Water_Rocket_Launcher</p>
<p>Bicycle Pump with gauge</p>		<p>http://www.amazon.com/gp/product/B010F4S4NA</p>
<p>Storage Bag Ziploc Jumbo (XXL) tote</p>		<p>http://www.amazon.com/Ziploc-Flexible-Totes-XXL-Qty/dp/B003UEMD1M?th=1</p>
<p>2020 Payload 3rd grade: Hinged Plastic Egg</p>		<p>http://smile.amazon.com/gp/product/B07N WYY5KY</p>
<p>2020 Payload 4th grade: Badminton Shuttlecock</p>		<p>http://smile.amazon.com/gp/product/B0040 7UNCE</p>
<p>2020 Payload 5th grade: White Die</p>		<p>http://smile.amazon.com/gp/product/B018T 3OTRE</p>

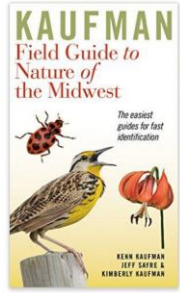
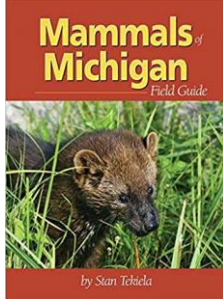
<h2 style="text-align: center;">WESO Supplied Materials for The Human Machine</h2>		
<p>Axis Scientific Miniature Human Skeleton (Supplied in 2017 for No Bones About It)</p>		<p>http://www.anatomywarehouse.com/axis-scientific-miniature-human-skeleton-a-105169</p>
<p>The Human Body Book (supplied in 2020)</p>		<p>http://smile.amazon.com/Human-Body-Knowledge-Encyclopedias-DK/dp/1465462392</p>


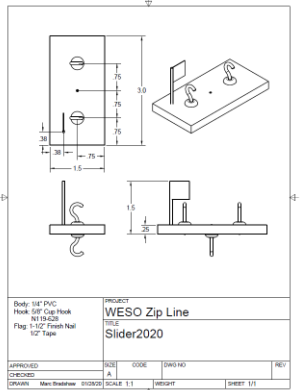
<h2 style="text-align: center;">WESO Supplied Book for In Bloom</h2>		
<p>Eyewitness Plant Book (Supplied in 2018)</p>		<p>http://www.amazon.com/gp/product/0756660351</p>
<p>Backyard Weeds Book (supplied in 2019)</p>		<p>http://www.amazon.com/gp/product/1591937329</p>
<p>Michigan Trees and Flowers Guide (Supplied in 2019)</p>		<p>http://www.amazon.com/gp/product/1583552464</p>
<p>Magnifying Glass (Supplied in 2018)</p>		<p>http://www.amazon.com/dp/B00524H8MC</p>

<h2 style="text-align: center;">WESO Equipment and Supplies for On Target</h2> <p style="text-align: center;">Equipment in 2016, Supplies given annually, thus far.</p>		
<p>Straw Rocket Launcher Supplied in 2016</p>		<p>http://www.pitsco.com/Straw_Rocket_Launcher</p>
<p>Balance Arm Scale</p>		<p>Hand made – given out in 2015 - 2018</p>
<p>Precision Straws</p>		<p>http://www.pitsco.com/Precision_Straws</p>
<p>Clay</p>		<p>Crayola Modeling Clay. Also available in crafts sections of many stores locally. http://shop.crayola.com/modeling-compounds/clay/crayola-modeling-clay-5703001004.html</p>
<p>Index cards Oxford Ruled 3x5 cards</p>		<p>http://www.amazon.com/gp/product/B002OB49JQ</p>

<p align="center">WESO Supplied Photon Phun Event Equipment (Various components supplied to teams 2017, 2019 and 2020)</p>		
Focusable, high intensity flashlights (2 new lights provided in 2020)		http://www.amazon.com/gp/product/B01CB2ZTYQ
Acrylic Mirrors (2020)		4" x 4" acrylic mirrors http://www.arborsci.com/products/plastic-mirror-4in-x-4in
Lens set (2020)		http://www.arborsci.com/products/neutralizing-lens-set
Color Filter Paddle Set (provided 2019)		http://www.arborsci.com/products/color-filter-paddle-set
Protractor (Provided in 2019)		Staedtler Mars College 6", 180 degree Protractor https://www.staples.com/Staedtler-Mars-180-Degree-Protractor/product_274704
Ruler (provided in 2019)		Wescott 12" clear acrylic ruler. https://www.zoro.com/wescott-ruler-12-inch-clear-acrylic-10562/i/G3599976
Acrylic Equilateral Prism (provided in 2019)		One prism. 25mm x 50mm http://www.flinnsci.com/prism-equilateral-acrylic-25-x-50-mm/ap4647/

<p style="text-align: center;">WESO Supplied Potions Kit (Glassware supplied to schools in 2015. Some consumables replenished in 2019 and 2020)</p>			
Year Given	Item	Quantity	Link
2019	85x85x24mm Medium disposable square weigh boats	~100	http://wardsci.com/store/catalog/product.jsp?catalog_number=470306-940
2020	Chromatography Paper	Box of 50	http://wardsci.com/store/catalog/product.jsp?catalog_number=470004-492
2019	50ml tubes in rack	Pack of 25	http://wardsci.com/store/catalog/product.jsp?catalog_number=470225-002
2019	Iodine Solution	50ml	http://wardsci.com/store/catalog/product.jsp?catalog_number=470301-328
2019	Disposable spatulas	~50	https://wardsci.com/store/catalog/product.jsp?catalog_number=470204-676
2020	Wide range pH strips (note individuals can not purchase from this vendor)	1 vial of 100	http://wardsci.com/store/catalog/product.jsp?catalog_number=470008-014
2019	Transfer pipettes, 3ml, non-sterile	~20	https://wardsci.com/store/catalog/product.jsp?catalog_number=470225-066
2019	Coffee Filters	50	from Dollar Store
2019	Ink Pad	1	https://www.michaels.com/craft-smart-washable-ink-pad-black/10116666.html
2019	Popsicle sticks (stirrers)	25	Dollar Store/Michael's
2019	Plastic Tubes, 13x100 mm	20	http://us.vwr.com/store/product/4673363/vwr-culture-tubes-plastic-without-caps
2015	Plastic Beaker, 250 ml	2	Glassware purchased in case
2015	Erlenmeyer Flask, 250 ml	1	Quantities from industrial vendor.
2015	50 ml plastic graduated cylinder	2	Check amazon or home school stores
2015	250 ml plastic graduated cylinder	2	
2015	Funnel	1	
2015	Tube rack	1	
2015	Safety goggles, small	4	
2015	50ml tubes with styrofoam rack, 25/rack	1	
2015	Container for storage	1	

WESO supplied books for What Went By		
<p>Kaufman Field Guide to Nature of the Midwest (supplied in 2017 for Back to Nature Event)</p>		<p>http://www.amazon.com/Kaufman-Field-Nature-Midwest-Guides/dp/0618456945</p>
<p>Field Guide to the Mammals of Michigan (supplied in 2020)</p>		<p>http://smile.amazon.com/gp/product/1591931118</p>

Zip-A-Dee-Doo-Dah (2020)						
<p>25ft. Hillman 15 lb Invisible Cord</p>		<p>Available at many local hardware stores (Ace, Stadium, Lowes, etc). Usually in picture hanging hardware area.</p> <p>http://www.acehardware.com/product/index.jsp?productId=53081626</p>				
<p>Sliders/Sleds (2)</p>	 <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: 8px;">Body: 1/4" PVC Hook: 5/8" Cup Hook 1 1/2" x 3/4"</td> <td style="font-size: 8px;">PROJECT WESO Zip Line REV: 1 Slider2020</td> </tr> <tr> <td style="font-size: 8px;">APPROVED: [Signature] CHECKED: [Signature]</td> <td style="font-size: 8px;">DATE: 09/14/20 SCALE: 1:1 SHEET: 01</td> </tr> </table>	Body: 1/4" PVC Hook: 5/8" Cup Hook 1 1/2" x 3/4"	PROJECT WESO Zip Line REV: 1 Slider2020	APPROVED: [Signature] CHECKED: [Signature]	DATE: 09/14/20 SCALE: 1:1 SHEET: 01	<p style="text-align: center;">Custom design</p> <p style="text-align: center;">Body: 1.5" x 3" x 0.25" (nominal) Komatex (PVC) Hook: 5/8" Cup Hook: National Hardware N119-628 Flag: 1.5" Finish Nail, 1/2" Tape</p>
Body: 1/4" PVC Hook: 5/8" Cup Hook 1 1/2" x 3/4"	PROJECT WESO Zip Line REV: 1 Slider2020					
APPROVED: [Signature] CHECKED: [Signature]	DATE: 09/14/20 SCALE: 1:1 SHEET: 01					