

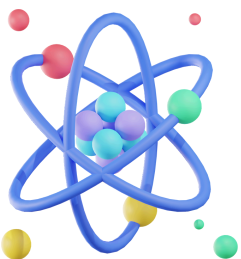


# ELS & ILS Investigation Kit

# Catalog

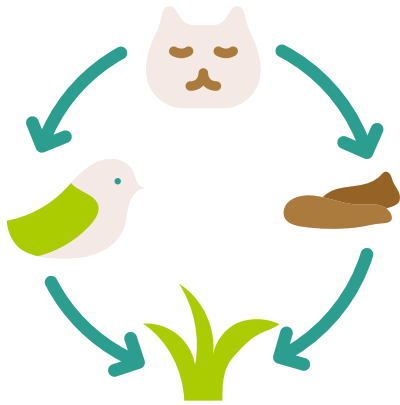
## 2024-2025

BOCES **4** Science





# ELEMENTARY-LEVEL



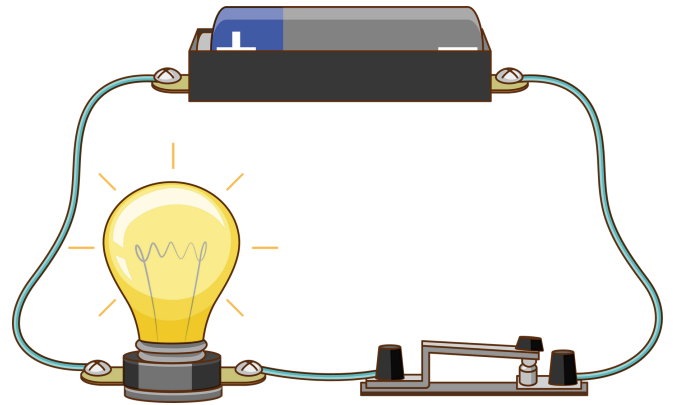
## CIRCLE OF LIFE

Life Cycles and Traits (PE: 3-LS1-1)

Aligns with BOCES 4 Science Units

- Generations of Butterflies (Grade 3)
- Deer, Deer Everywhere! (Grade 5)

Price \$105



## LIGHT IT UP

Energy (PE: 4-PS3-4)

Aligns with BOCES 4 Science Unit

- Powering Thru the Fair (Grade 4)

Price \$635



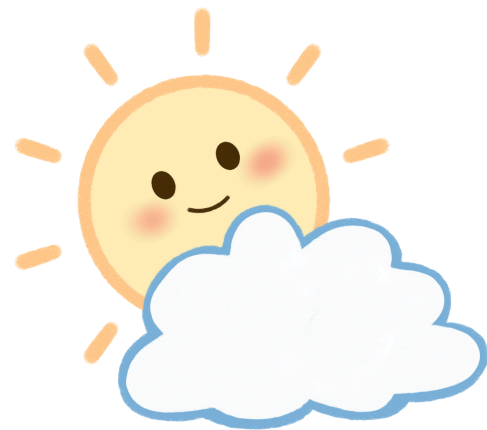
## WHAT'S IN THE BAG?

Structure and Properties of Matter (PE: 5-PS1-4)

Aligns with BOCES 4 Science Unit

- Toys Matter (Grade 5)

Price \$230



## CLOUD IN A BOTTLE

Weather and Climate (PE: 3-ESS2-3)

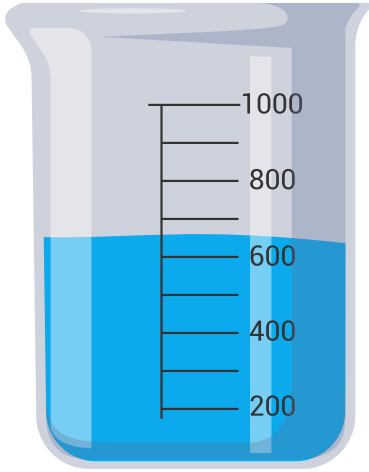
Aligns with BOCES 4 Science Unit

- Investigating Weather and Climate (Grade 3)
- Got Water (Grade 5)

Price \$290

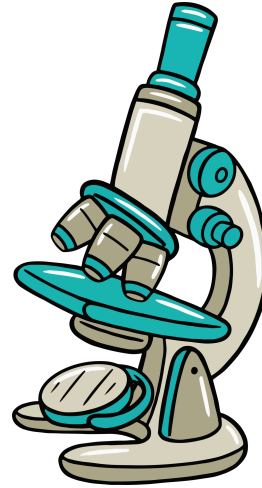


# INTERMEDIATE LEVEL



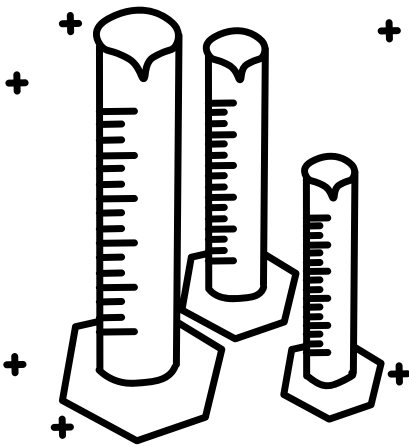
**ALL MIXED UP**  
Structure and Properties of Matter  
(PE: MS-PS1-8)

Price \$260



**IT'S ALIVE?**  
Structure, Function, and Information  
Processing (PE: MS-LS1-1)

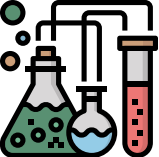
Price \$510



**COOL IT!**  
Energy (PE: MS-PS3-4)

Price \$240





# BOCES 4 Science Budget Worksheet

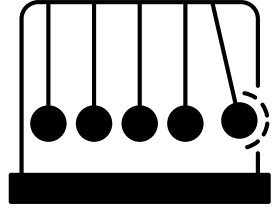
2024-2025

District	
BOCES	
Contact Name	
Title	
Address	
Telephone	
Fax	
Email	

Please submit documentation to:

BOCES 4 Science
Gina Vaccarella
gvaccare@boces4science.org
771 Elmgrove Road
Rochester Tech Park, Building 2
Rochester, NY 14624
Fax: 585-352-1157
Phone: 585-617-2363





## Purchase Order Form: Full Kits

(Materials for 1 teacher and 30 students)

Kits and materials subject to material availability

### Elementary-level Investigation kits

Investigation Kit Title	Cost	Quantity	Sub-Total	Approximate Date for use in classroom*
Circle of Life	\$105			
Cloud in a Bottle	\$290			
Light it Up	\$635			
What's in the Bag?	\$230			
<b>Sub-Total</b>			(1)	

\*Note: BOCES 4 Science will make every attempt to provide materials prior to the date requested. Actual delivery date will be based on district orders, submission of financial commitment, and material availability.

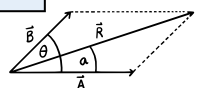
### Intermediate-level Investigation kits

Investigation Kit Title	Cost	Quantity	Sub-Total	Approximate Date for use in classroom*
It's Alive	\$510			
Cool It!	\$240			
All Mixed Up	\$260			
<b>Sub-Total</b>			(2)	

\*Note: BOCES 4 Science will make every attempt to provide materials prior to the date requested. Actual delivery date will be based on district orders, submission of financial commitment, and material availability.

### Total Purchase Cost

Elementary-level Investigation kit subtotal - line (1)	
Intermediate-level Investigation kit subtotal - line (2)	
Administrative Charge - 5.2% <small>*Note: No administrative charges for Monroe 1, Monroe 2-Orleans, Wayne Finger-Lakes, or Genesee Valley BOCES Districts</small>	
Shipping Charge - 13% <small>*Note: No shipping charges for Monroe 1, Monroe 2-Orleans, Wayne Finger-Lakes, or Genesee Valley BOCES Districts</small>	
<b>Total</b>	



$$R = \sqrt{A^2 + B^2 + 2AB\cos\theta}$$

$$\tan \alpha = \frac{B \sin \theta}{A + B \cos \theta}$$

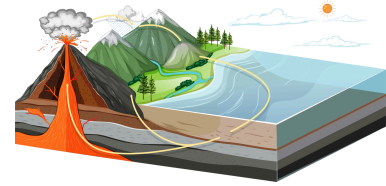
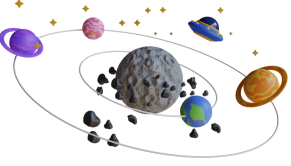
<b>ILS Investigation Kit Materials</b>	Please email Steven Montemarano, smontema@boces4science, for an official quote
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<u>Investigation Kit</u>	<u>Material</u>	<u>Quantity in Kit</u>	<u>Quantity Requested</u>
All Mixed Up	16oz clear container w/lid -- labeled Mixture 1	1	
	16oz clear container w/lid -- labeled Mixture 2	1	
	16oz clear container w/lid -- labeled Mixture 3	1	
	16oz clear container w/lid -- labeled Mixture 4	1	
	4oz clear container w/lid -- labeled Mixture 1	4	
	4oz clear container w/lid -- labeled Mixture 2	4	
	4oz clear container w/lid -- labeled Mixture 3	4	
	4oz clear container w/lid -- labeled Mixture 4	3	
	50 ml Graduated Cylinder	6	
	500 ml bottle of Mineral Oil	1	
	Large Plastic Petri Dish (total tops and/or bottom)	45	
	Package of Paper Towels	1	
	Roll of Blue Tape	1	
	Plastic Tweezer	10	
	Pipettes	10	
	Magnet	10	
	Plastic Funnel	15	
	2" Sieve	10	
	9oz Plastic Cup	10	
	12" Metric Ruler	10	
	Hand Lenses	10	
	2oz Dropper Bottle	1	
	6oz Dropper Bottle	1	

<u>Investigation Kit</u>	<u>Material</u>	<u>Quantity in Kit</u>	<u>Quantity Requested</u>
It's Alive?	Microscope Slides - Human Hair	5	
	Microscope Slides - Thread	5	
	Microscope Slides - Sand	5	
	Microscope Slides - Paramecium	5	
	Microscope Slides - Euglena	5	
	Microscope Slides - Elodea	5	
	Microscope Slides - Yeast	5	
	Microscope Slides - Human Cheek Cell (squamous epithelial)	5	
	Microscope Slides - Human Nerve Cell (multipolar neuron)	5	
	Microscope Slides - Onion Bulb Epidermis (allium cepa)	5	
	Microscope Slides - Onion Root Tip (allium)	5	

<u>Investigation Kit</u>	<u>Material</u>	<u>Quantity in Kit</u>	<u>Quantity Requested</u>
Cool It!	Insulated Cup w/lid	15	
	100ml Graduated Cylinder	15	
	Metal Washer	150	
	2 Liter Plastic Bottle	15	
	Tongs	4	
	Package of Paper Towels	1	

ELS Investigation Kit Materials		Please email Steven Montemarano, smontema@boces4science, for an official quote	
<u>Investigation Kit</u>	<u>Material</u>	<u>Quantity in Kit</u>	<u>Quantity Requested</u>
Light It Up	"D" Cell Batteris	30	
	Plastic Battery Holders	30	
	Connector Wires with alligator clips	150	
	#48 Bulbs	55	
	Mini-bulb holders	45	
	Electrical Switch	15	
<u>Investigation Kit</u>	<u>Material</u>	<u>Quantity in Kit</u>	<u>Quantity Requested</u>
What's in the Bag?	Zip bags	15	
	Alka Seltzer Tablet	24	
	Small Plastic Petri Dish (total tops and/or bottom)	15	
	100 ml Graduated Cylinder	15	
	Plastic Cups	15	
	Stopwatches	15	
	Pad of Post-It Notes	1	
	Roll of Blue Tape	1	
	2 Liters or 1/2 Gallon Bottle	2	
	Package of Paper Towels	1	
	Safety Goggles	30	
<u>Investigation Kit</u>	<u>Material</u>	<u>Quantity in Kit</u>	<u>Quantity Requested</u>
Cloud in a Bottle	1 Liter Bottle (with temperature strip assembly)	15	
	Insulated cups	35	
	50 ml Graduated Cylinder	15	
	Thermos Containers	2	
	Box of Matches	2	
	Blue Sharpie	1	
	Red Sharpie	1	
	Safety Goggles	30	
<u>Investigation Kit</u>	<u>Material</u>	<u>Quantity in Kit</u>	<u>Quantity Requested</u>
Circle of Life	Envelopes labeled "BULLFROG"	30	
	Envelopes labeled "BEAN PLANT"	30	
	Envelopes labeled "EASTERN BLUEBIRD"	30	



## REPLACEMENT MATERIALS:

PLEASE CONTACT:  
STEVEN MONTEMARANO, DIRECTOR OF BOCES 4 SCIENCE  
SMONTEMA@BOCES4SCIENCE.ORG  
585-617-2360

## INVENTORY POLICY:

PLEASE INVENTORY YOUR MATERIALS UPON ARRIVAL. ANY MISSING/DAMAGED PARTS MUST BE REPORTED TO BOCES 4 SCIENCE WITHIN 2 WEEKS OF THE DELIVERY DATE.

## FINANCIAL COMMITMENT:

INVESTIGATION KITS WILL NOT BE SHIPPED WITHOUT A FULLY EXECUTED FINANCIAL COMMITMENT FROM THE DISTRICT. THIS INCLUDES PURCHASE ORDERS, CROSS-CONTRACTS, AND APPROVED SERVICE AGREEMENTS.

UNFORTUNATELY, WE CANNOT ACCEPT CHECKS OR CREDIT CARDS.

THE INFORMATION AND PRICES CONTAINED IN THIS INVESTIGATION KIT CATALOG ARE VALID THROUGH DECEMBER 31, 2024. ORDERS AND/OR FINANCIAL COMMITMENTS RECEIVED AFTER DECEMBER 31, 2024 WILL BE SUBJECT TO POTENTIAL PRICE INCREASES BASED ON MARKET PRICES FOR RAW MATERIALS.

### PLEASE NOTE THE FOLLOWING INFORMATION:

- AVAILABILITY OF FULL KITS - THESE KITS PROVIDE HANDS-ON MATERIALS FOR 1 TEACHER WITH 30 STUDENTS.
- KITS WILL BE BASED ON A PURCHASE-ONLY MODEL.
- ADDITIONAL MATERIALS MAY BE PURCHASED AS NEEDED; PLEASE CONTACT BOCES 4 SCIENCE FOR AN OFFICIAL QUOTE.
- MATERIALS WILL BE PRIORITIZED FOR INVESTIGATION KITS, BASED ON AVAILABILITY.
- TEACHER AND STUDENT DIRECTIONS AND ANSWER PACKETS WILL NOT BE PROVIDED WITH KITS. THESE SHOULD BE DOWNLOADED VIA THE NYSED BUSINESS APPLICATION PORTAL.

PLEASE COMPLETE AND SUBMIT PAGES 4 AND 5 FOR YOUR ORDER OF KITS.

PLEASE CALL OR EMAIL STEVEN MONTEMARANO, DIRECTOR OF BOCES 4 SCIENCE, WITH ANY QUESTIONS.

CONTACT INFORMATION:  
STEVEN MONTEMARANO  
585-617-2360  
[SMONTEMA@BOCES4SCIENCE.ORG](mailto:SMONTEMA@BOCES4SCIENCE.ORG)

