

SCIENCE AND GLOBAL ISSUES:

BIOLOGY[®]

COMPLETE EQUIPMENT

Layout & Refills

SCIENCE AND GLOBAL ISSUES:

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UNIT 1 | SUSTAINABILITY

Layout & Refills

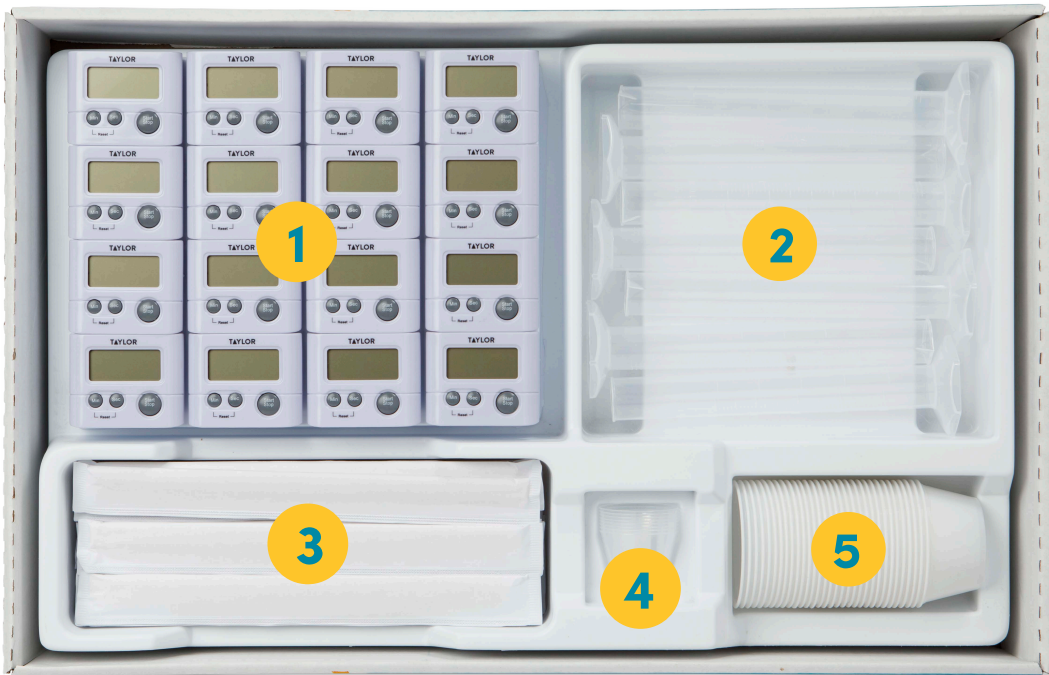
Sustainability Drawer 1



Sustainability Drawer 1

No.	Description	Item No.
1.	Region Signs Card Set	SGI-L303
2.	Colored Pencil Set, 8 colors	IAPS-P12
3.	Organic Matter	IAES-P005A
4.	Color Chart Pie Cards, 8 different sets	SGI-L315
5.	Foam Fish	SGI-P041
6.	Tree Cover Loss Card Set	SGI-L301
7.	Primary Cause Card Set	SGI-L302
8.	Incident Card Set	SGI-L304
9.	Character Card Set	SGI-L305
10.	Ziplock Bags	BAG024

Sustainability Drawer 2



Sustainability Drawer 2

No.	Description	Item No.
1.	SGL "16 timers" Set	SGL-B-TM16
2.	Graduated Cylinders, 50mL	GC-011
3.	Chopsticks	SGL-P002
4.	1 oz Graduated Containers	GC-001
5.	3.25 oz plastic cups	CU-012

Sustainability Drawer 3 & 4



Sustainability Drawer 3

No.	Description	Item No.
1.	Plugs	SGI-P048
2.	Plastic Tubes	TUBE0028
3.	String, 200 feet on spool	ST-027
4.	1500 cc Soil A	IAES-P001
5.	Dropper, pipet, 3 mL, graduated	DR-004A
6.	120 mL Organic Matter	IAES-B001
7.	1500 cc Soil B	IAES-P002

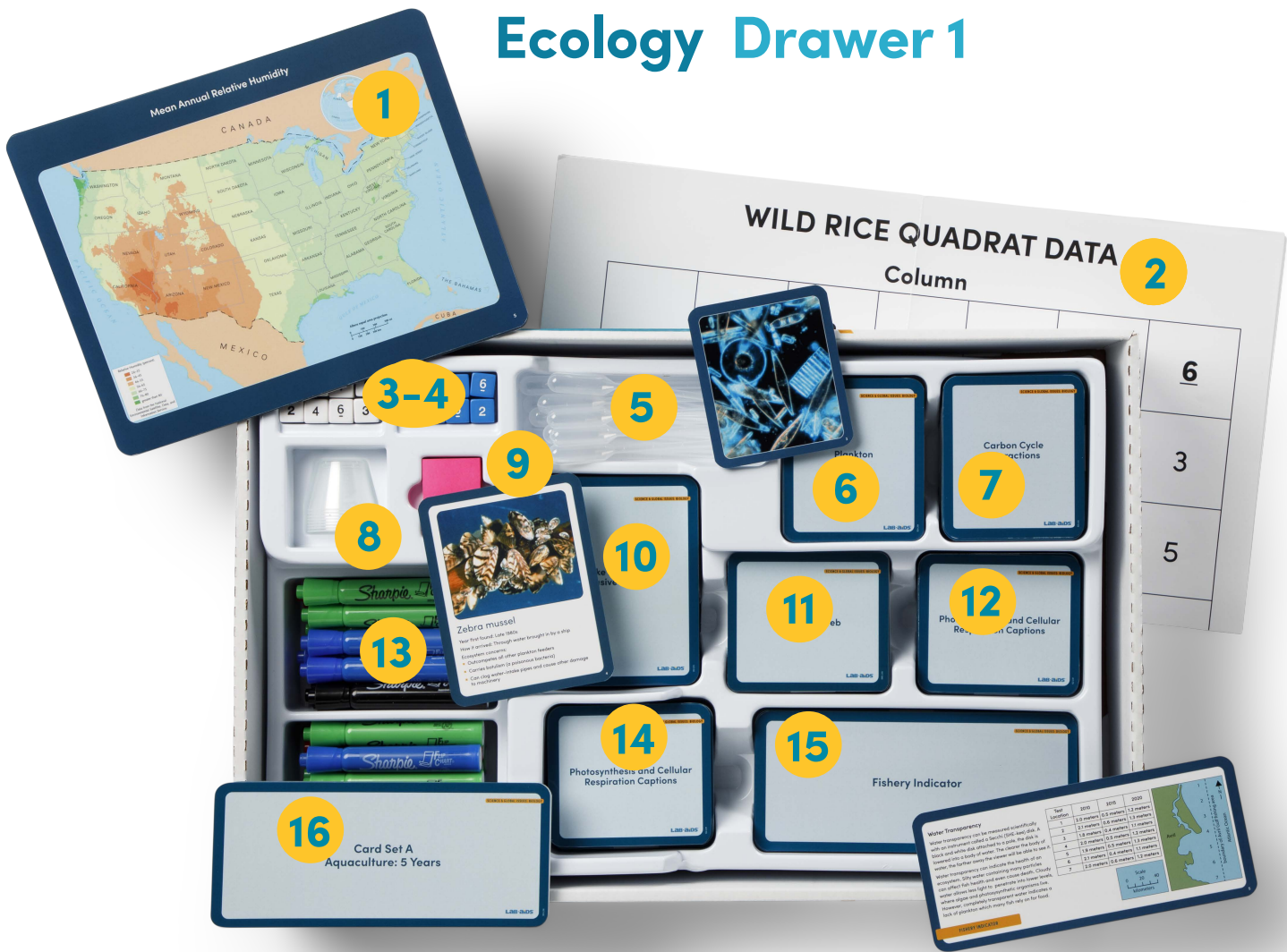
Sustainability Drawer 4

No.	Description	Item No.
1.	SEPUP Tray, 16 ct	CT-001

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UNIT 2 | ECOLOGY
Layout & Refills

Ecology Drawer 1



Ecology Drawer 1

No.	Description	Item No.
1.	Abiotic Factors Maps Card Set	SGI-L307
2.	Wild Rice Quadrat Data Poster	SGI-LP-01
3.	White Number Cubes	DI-001A
4.	Blue Number Cubes	DI-001B
5.	Droppers, 1mL	DR-005A
6.	Plankton Card Set	SGI-L309
7.	Carbon Cycle Interactions Card Set	SGI-L312
8.	1 oz Graduated Containers	GC-001
9.	Sticky Notes	SGI-P044
10.	Lake Michigan Invasive Species Card Set	SGI-L313
11.	Orca Food Web Card Set	SGI-L308
12.	Photosynthesis and Cellular Respiration Captions Cards	SGI-L311
13.	Flip Chart Markers	MA-031
14.	Photosynthesis and Cellular Respiration Card Set	SGI-L310
15.	Fishery Indicator Card Set	SGI-L314
16.	Aquaculture and Marine Reserve Card Set	SGI-L316
17.	Voucher for Plankton, Live Culture	SGI-LM35

Ecology Drawer 2



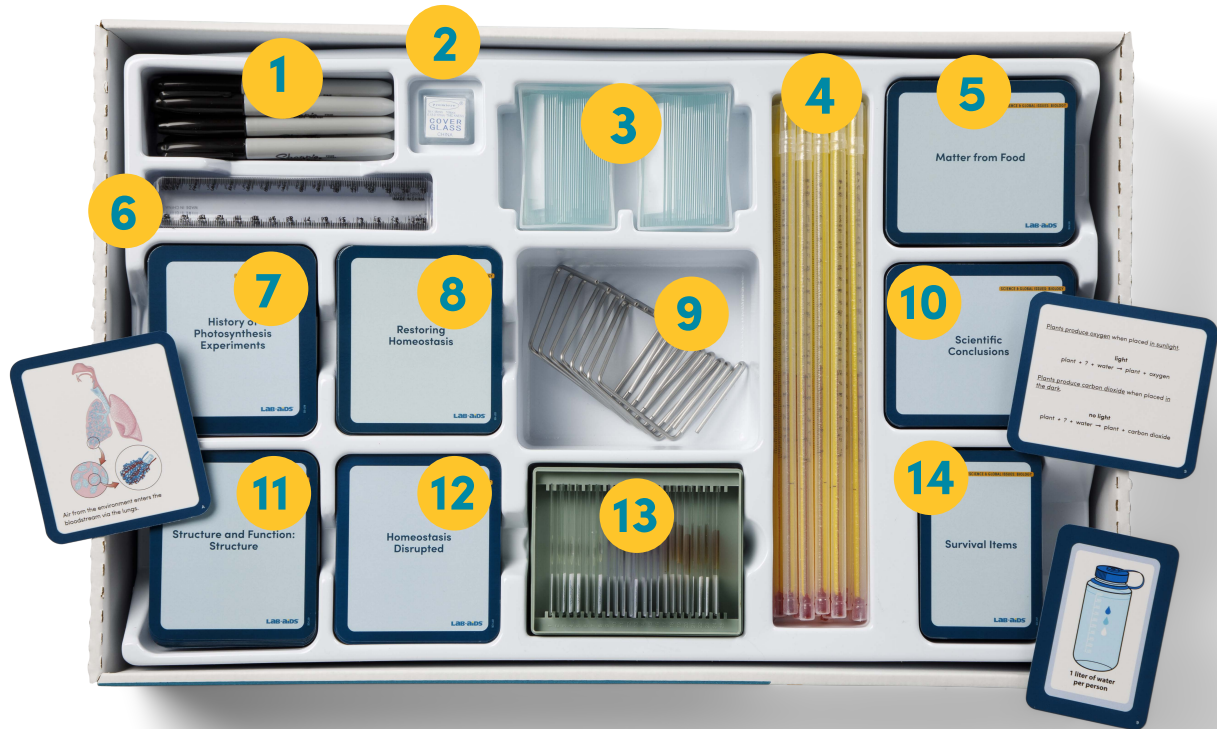
Ecology Drawer 2

No.	Description	Item No.
1.	Colored Pencil Sets, 8 colors	IAPS-P12
2.	Single Depression Slides Ecology	SS-1P24E
3.	Living on Earth Slide Set Glass	SGI-P045
4.	Cover Slips	GS-005
5.	Shaker Boxes	DC-SHAK2
6.	15 mL Methyl Cellulose Solution	SS-1B17E
7.	Simulats, 200 ct	450-S200
8.	Masking Tape, 1", 60yds	TA-009A

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UNIT 3 | CELLS
Layout & Refills

Cells Drawer 1



Cells Drawer 1

No.	Description	Item No.
1.	Black Permanent Marker	PE-009
2.	Glass Cover Slips 100/pk	GS-007
3.	Glass Slides, 30/pk	GS-004
4.	12" Thermometer	TH-005
5.	Matter from Food Card Set	SGI-L320
6.	15 cm Metric Ruler	RU-003B
7.	History of Photosynthesis Experiments	SGI-L318
8.	Restoring Homeostasis Card Set	SGI-L323
9.	Nut/Food Holder Stand	NH-001
10.	Scientific Conclusion Card Set	SGI-L319
11.	Structure and Function Card Set	SGI-L321
12.	Homeostasis Disrupted Card Set	SGI-L322
13.	Cells Improving Global Health Slides	SGI-P047
14.	Survival Item Card Set	SGI-L317

Cells Drawer 2



Cells Drawer 2

No.	Description	Item No.
1.	Aluminum Foil Roll	SMS-P018
2.	25g Sodium Bicarbonate Powder	SGI-B031
3.	Graduated Cylinder, 50 mL	GC-011
4.	15 mL Sodium Hydroxide	803S-B01E
5.	Tweezer, plastic	TW-001
6.	60 mL Distilled Water	IAPS-B07
7.	30 mL Phenol Red 0.02%	SGI-B002
8.	60 mL Salt Solution 5%	SGI-B040

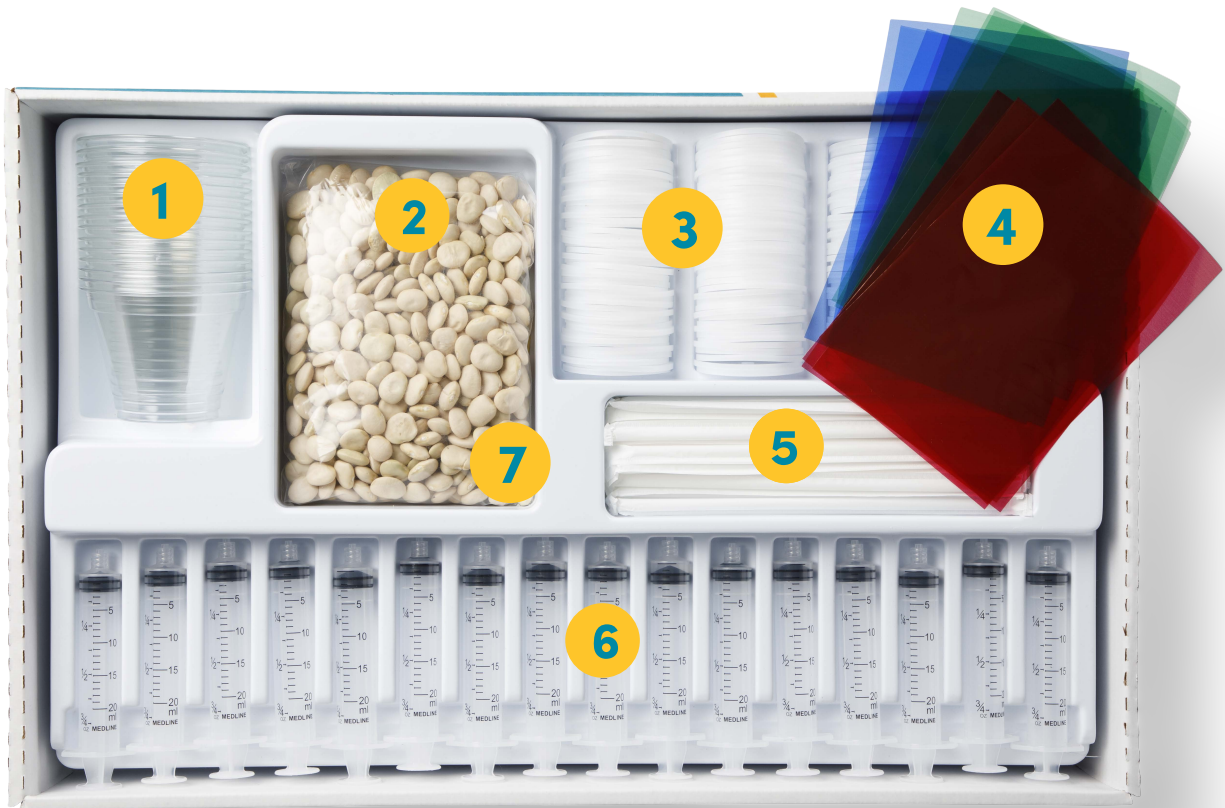
Cells Drawer 3



Cells Drawer 3

No.	Description	Item No.
1.	Foam Cup, 8 oz	CU-002
2.	Oxygen, O	SGI-P040D-16
3.	Nitrogen, N	SGI-P040C-16
4.	Container Lid, square, clear	CO-012L
5.	Carbon, C	SGI-P040A-16
6.	Hydrogen, H	SGI-P040B-16
7.	Covalent Bonds	SGI-P040E-16
8.	Container, square, 16 oz, clear	CO-012B
9.	SGI Molecular Modeling Set-Labels	SGI-P040-L

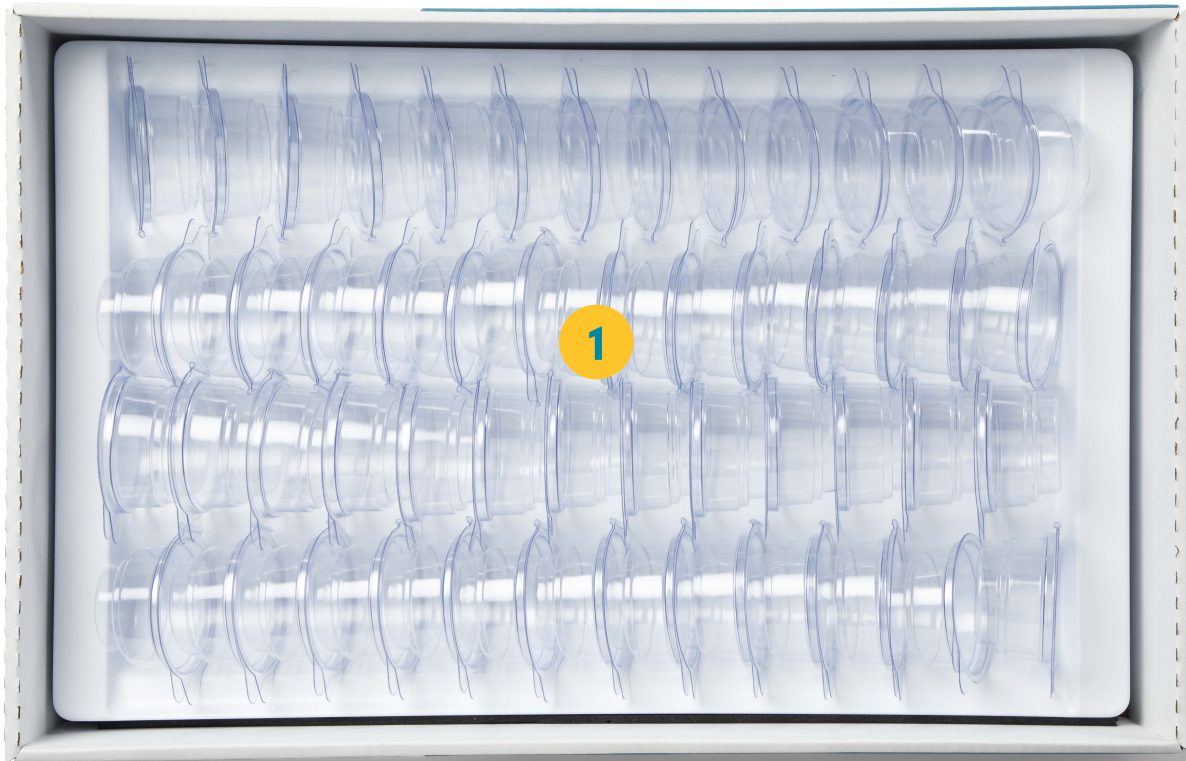
Cells Drawer 4



Cells Drawer 4

No.	Description	Item No.
1.	Plastic Cup, clear, 9 oz	CU-001
2.	Beans, Fordhook Bush	SEED20
3.	Sifter, 63 mm, 21 holes	CAP030A
4.	Filters, blue, green, and red	SGI-PO49
5.	Straws, wrapped, plastic	FA-SWX40
6.	Syringe, 20 cc	SY-004
7.	Masking Tape, 1", 60yds	TA-009A

Cells Drawer 5 & 6



Cells Drawer 5 & 6

No.	Description	Item No.
1.	Transparent Cup with Seal (80/drawer)	SGI-V001

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UNIT 4 | GENETICS

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Genetics Drawer 1



Genetics Drawer 1

No.	Description	Item No.
1.	Transcription and Translation Cards	SGI-L325
2.	Cellular Event Card Set	SGI-L326
3.	SGI Allele Card Set	SGI-L036
4.	Ziplock Bags, 16/pk	71-P08A-16
5.	Ratio Corn, Ear A-D, 16/bag	603S-P01E, 2E, 3E, 4E
6.	Superweeds Card Set	SGI-L324
7.	Superweed Data Card Set	SGI-L327
8.	Hydrogen Bonds, white rods, 288/pk	72-P04A-16
9.	Cytosine (C), blue, 128/pk	72-P011A-16
10.	Thymine (T), green, 160/pk	72-P05A-16
11.	Guanine (G), yellow, 128/pk	72-P06A-16
12.	Adenine (A), orange, 160/pk	72-P07A-16
13.	Phosphate Groups, white tubes, 576/pk	72-P08A-16
14.	Peptide Bonds, grey tubes, 32/pk	72-P09A-16
15.	Uracil, purple, 80/pk	72-P010A-16
16.	Ribose sugars, pentagons, purple 144/pk	72-P03A-16
17.	Deoxyribose Sugars, pentagons, black, 576/pk	72-P02A-16
18.	tRNA with Amino Acid and Ribosomes	72-P01A-16
19.	Voucher for Perishable Lab Materials	SGI-LM36

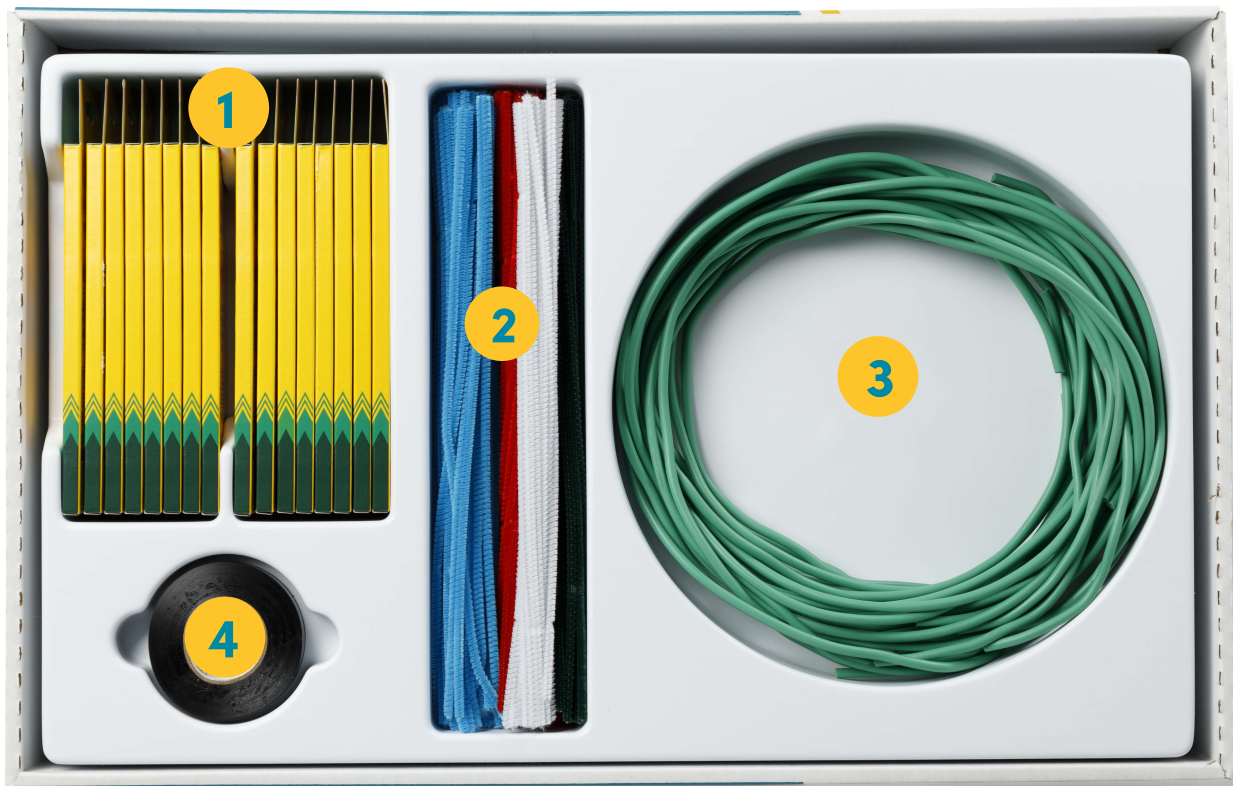
Genetics Drawer 2



Genetics Drawer 2

No.	Description	Item No.
1.	Human Chromosome 11 Model, 32/pk	SGI-L021C
2.	Human Chromosome 2 Model, 32/pk	SGI-L021D
3.	Foam Microfuge Holder	PF-008A
4.	Ziplock Bags	BAG034
5.	Chromosome Model Set	SGI-P024-1
6.	Binder Clips, silver, 128/bag	SGI-P027S
7.	Ultraviolet Flashlight	UV-003
8.	Permanent Marker, Black	PE-009
9.	Green Paper Clips, 224/bag	SGI-P027G
10.	Red Paper Clips, 224/bag	SGI-P027R

Genetics Drawer 3



Genetics Drawer 3

No.	Description	Item No.
1.	Colored Pencil Set, 8 colors	IAPS-P12
2.	Chenille Stems, white, 21/pk	SMS-P001
	Chenille Stems, blue, 59/pk	SMS-P002
	Chenille Stems, green, 21/pk	SMS-P003
	Chenille Stems, red, 43/pk	SMS-P004
3.	Wire, soft twist tie, 3 feet	WI-009A
4.	Tape, black, electrical	TA-002

Genetics Drawer 4



Genetics Drawer 4

No.	Description	Item No.
1.	Pipette, fine tip, 33/bg	SGI-P032
2.	Vial with wires, handles, and pipettes	SGI-P052
3.	Measure/Mixing Spatulas, 24/bg	SP-MSX24E
4.	Agar, powdered, 18g	SGI-B024
5.	30mL Glycerin	SGI-B021
6.	30mL DNA Sample	SGI-B045
7.	Water	WH-1-4EA
8.	15mL Sample A: Farmer Green's Weeds	SGI-B041
9.	15mL Sample B: Weeds w/o Herbicide Resistance	SGI-B042
10.	15mL Sample C: Weeds w/ Herbicide Resistance	SGI-B043
11.	Baking Soda, 40g	IAES-B004
12.	Chemplate	*CP-001

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UNIT 5 | EVOLUTION

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Evolution Drawer 1



Evolution Drawer 1

No.	Description	Item No.
1.	Cup, plastic, clear, 9oz	CU-001
2.	Scale, 500g	SC-008
3.	Mitigation Strategy Card Set	SGL-L331
4.	195 mL Calibrated Cup	CU-007A
5.	Masking Tape, 1", 60yds	TA-009A
6.	Mass Extinction Event Card Set	SGL-L330
7.	Life-Forms Card Set	SGL-L329
8.	Is it Evolution? Card Set	SGL-L328
9.	Voucher for Aquatic Plants	SGL-LM37

Evolution Drawer 2



Evolution Drawer 2

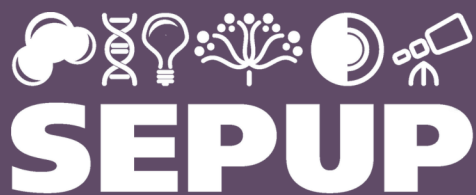
No.	Description	Item No.
1.	Transfer Pipette, 5mL	DR-010S
2.	Antibiotic Discs, 160/pk	SGI-P042
3.	Permanent Marker, black	PE-009
4.	Swabs, sterile, 40/pk	C1-SIX80
5.	Tweezer, metal	TW-002
6.	Measure/Mix Spatula, 16/pk	TL-MSX16E
7.	Ziplock Bag	BAG034
8.	15cm ruler, metric only	RU-003B
9.	Sodium Bicarbonate, 200g	SMS-B023
10.	Nutrient Agar, 125mL	C1-1-37E

Evolution Drawer 3



Evolution Drawer 3

No.	Description	Item No.
1.	Caps for AS-10 Vials, 32/pk	SGI-P051
2.	Petri Dish, 100mm, sterile	PD-003
3.	Vial, capped, 32/pk	SGI-P050
4.	AS-10 Vials	VIAL012



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