

Issues and Science

Transitioning from
Second to Third Edition

EROSION AND DEPOSITION (Second Edition) **to**
LAND, WATER, AND HUMAN INTERACTIONS (Third Edition)

Drawer 1



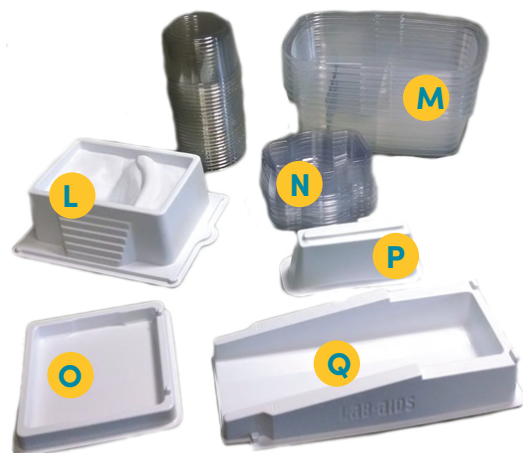
Drawer 2



Drawer 3



Drawer 4



2nd Ed Qty	2nd Ed Drawer #	Description	3rd Ed Drawer #	3rd Ed Qty	Activity # where used	Consumable ♦	Part Number
1	1	Rocks, small, bottle A	1	1	7, 12		IAES-B008
8	2	Food Coloring solution, blue, 15 mL drop controlled bottles B	1	8	10	♦	SA-1B03E
24	2	Plastic cups, 9 oz (<i>only 16 need to transfer over</i>) C	3	16	2, 7, 12		TW-9CX16
8	3	Cliffmakers, plastic D	4	8	12		IAES-V006
16	3	Cups, graduated, 30 mL (<i>only 8 need to transfer over</i>) E	4	8	5, 7, 12		TW-GCX16
8	3	Landform lids, transparent, plastic F	4	8	10		PL-006
8	3	Markers, dry erase, black G	4	8	10		MA-024
32	3	Rulers, metric, 15 cm H	4	32	3, 16		RU-003B
16	3	Spoons, plastic, large (<i>only 8 need to transfer over</i>) I	4	8	7, 12		SA-1P54E
8	3	Wavemaker paddle holders J	4	8	12		IAES-V007
8	3	Wavemaker paddles K	4	8	12		IAES-V008
8	4	Landform models L	5	8	10		IAES-V001
8	4	Plastic bins with line M	5	8	12		IAES-P040
8	4	Rainmakers N	5	8	7		IAES-V005
8	4	River model catch basins O	5	8	7, 12		IAES-V004
8	4	River model stands P	5	8	7		IAES-V003
8	4	River models Q	5	8	7		IAES-V002
3	2	Sand mixture, 1250 cc bottles (<i>3 from 2nd edition, 1 in 3rd edition drawer for a total of 4</i>) S	3, 4	4	7, 12		IAES-P028

Land, Water & Human Interaction Drawer 1

Third Edition

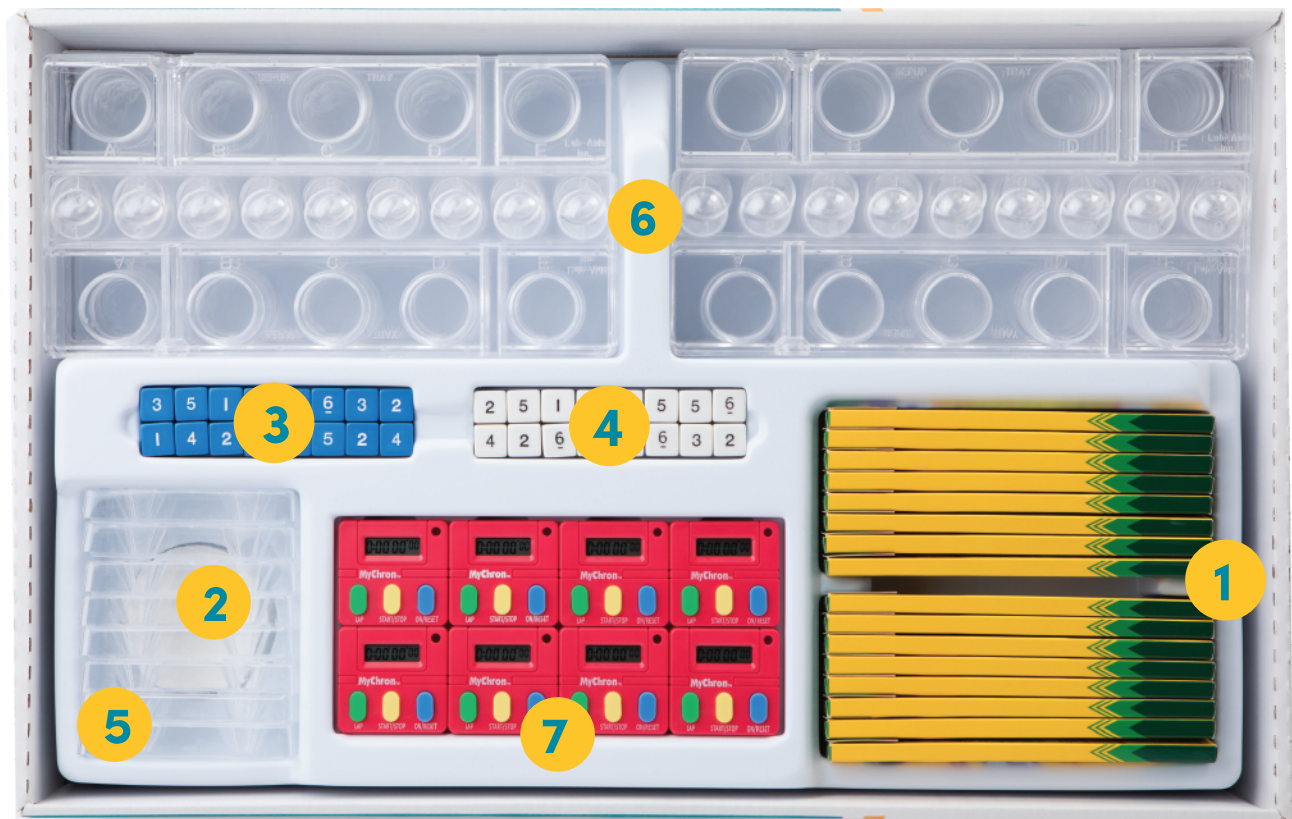


Land, Water & Human Interaction Drawer 1

No.	Description	Item No.
1.	Calcium Chloride, 10 g vials	HC-1-3EA
2.	Denatured ethanol, 60 mL drop controlled bottles	SS-1B26E
3.	Fertilizer Solution, 30 mL drop controlled bottles	SMS-B008
4.	Food Coloring solution, blue, 15 mL drop controlled bottles	SA-1B03E
5.	Mesh sleeves	IAES-P080
6.	Mineral oil, 60 mL drop controlled bottles	HC-2B12E
7.	Nitrate extraction solution, 120 mL bottles	SMS-B009
8.	Nitrate testing powder, 3.5 g vials	SMS-B010
9.	Nitrogen color charts	SS-1P30E
10.	Pipets, plastic	DR-004A
11.	Rocks, small, bottle	IAES-B008
12.	Scoops, white	MS-004
13.	Sodium Chloride, 25 g vials	IF-1-8EA
14.	Stir sticks	TL-MSX16E
15.	Water, 30 mL empty drop controlled bottles	WH-1-4EA

Land, Water & Human Interaction Drawer 2

Third Edition



Land, Water & Human Interaction Drawer 2

No.	Description	Item No.
1.	Colored pencil sets, 8 colors Filter	IAPS-P12
2.	paper discs (underneath)	TX-P009
3.	Number cubes, blue	DI-001B
4.	Number cubes, white	DI-001A
5.	SEPUP funnels	FU-001
6.	SEPUP trays	CT-001
7.	Timers, MyChron	SW-005

Land, Water & Human Interaction Drawer 3

Third Edition



Land, Water & Human Interaction Drawer 3

No.	Description	Item No.
1.	Building bricks, 2-button	SMS-P502
2.	Contaminants and the Water Cycle cards, set of 6	MS-L024
3.	Graduated cylinders, 50 mL	GC-011
4.	Macroinvertebrate chip set (8 different samples of 3 time periods)	SMS-L025
5.	Macroinvertebrate content list (not pictured)	SMS-L040
6.	Macroinvertebrate vial labels, 1 sheet of 24 labels (not listed on drawer label) (already on vial caps)	SMS-L031
7.	Macroinvertebrate vials with hinged lid	VIAL030A
8.	Plastic cups, 9oz	TW-9CX16
9.	Vial caps	C1-VCX16
10.	Vials, clear plastic, 10 dram	C1-VX16
11.	Sand mixture, 1250 cc bottles	IAES-P028

Land, Water & Human Interaction Drawer 4

Third Edition



Land, Water & Human Interaction Drawer 4

No.	Description	Item No.
1.	Sand mixture, 1250 cc bottles	IAES-P028
2.	Cliffmakers, plastic (underneath)	IAES-V006
3.	Cups, graduated, 30 mL	TW-GCX16
4.	Landform lids, transparent, plastic	PL-006
5.	Markers, dry erase, black	MA-024
6.	Rulers, metric, 15 cm	RU-003B
7.	Spoons, plastic, large	SA-1P54E
8.	Wavemaker paddle holders (underneath)	IAES-V007
9.	Wavemaker paddles (underneath)	IAES-V008

Land, Water & Human Interaction Drawer 5

Third Edition



Land, Water & Human Interaction Drawer 5

No.	Description	Item No.
1.	Channel makers	SMS-V001
2.	Landform models	IAES-V001
3.	Plastic bins with line	IAES-P040
4.	Rainmakers	IAES-V005
5.	River model catch basins	IAES-V004
6.	River model stands	IAES-V003
7.	River models	IAES-V002

LAND, WATER AND HUMAN INTERACTION, Third Edition IALS, SEPUP Transition from 2nd to 3rd Edition

2nd Ed Qty	2nd Ed Drawer #	Description	3rd Ed Drawer #	3rd Ed Qty	Activity # where used	Consumable ♦	Part Number
1	1	Rocks, small, bottle	1	1	7, 12		IAES-B008
8	2	Food Coloring solution, blue, 15 mL drop controlled bottles	1	8	10	♦	SA-1B03E
24	2	Plastic cups, 9 oz (<i>only 16 need to transfer over</i>)	3	16	2, 7, 12		TW-9CX16
8	3	Cliffmakers, plastic	4	8	12		IAES-V006
16	3	Cups, graduated, 30 mL (<i>only 8 need to transfer over</i>)	4	8	5, 7, 12		TW-GCX16
8	3	Landform lids, transparent, plastic	4	8	10		PL-006
8	3	Markers, dry erase, black	4	8	10		MA-024
32	3	Rulers, metric, 15 cm	4	32	3, 16		RU-003B
16	3	Spoons, plastic, large (<i>only 8 need to transfer over</i>)	4	8	7, 12		SA-1P54E
8	3	Wavemaker paddle holders	4	8	12		IAES-V007
8	3	Wavemaker paddles	4	8	12		IAES-V008
8	4	Landform models	5	8	10		IAES-V001
8	4	Plastic bins with line	5	8	12		IAES-P040
8	4	Rainmakers	5	8	7		IAES-V005
8	4	River model catch basins	5	8	7, 12		IAES-V004
8	4	River model stands	5	8	7		IAES-V003
8	4	River models	5	8	7		IAES-V002
3	2	Sand mixture, 1250 cc bottles (<i>3 from 2nd edition, 1 in 3rd edition drawer for a total of 4</i>)	3, 4	4	7, 12		IAES-P028

Brand New items that come in the 3rd Edition Drawers

		Calcium Chloride, 10 g vials	1	8	2	♦	HC-1-3EA
		Denatured ethanol, 60 mL drop controlled bottles	1	8	2	♦	SS-1B26E
		Fertilizer solution, 30 mL drop controlled bottles	1	8	5	♦	SMS-B008
		Land, Water, and Human Interactions SDS (Safety Data Sheets)	1	1	0		SMS-IMP-3SDS
		Mesh sleeves (<i>these have been redesigned so you may discard the old mesh sleeves and use the ones that come with the transition equipment</i>)	1	16	7, 12		IAES-P080
		Mineral oil, 60 mL drop controlled bottles	1	8	2	♦	HC-2B12E
		Nitrate extraction solution, 120mL bottles	1	8	5	♦	SMS-B009
		Nitrate testing powder, 3.5 g vials	1	8	5	♦	SMS-B010
		Nitrogen color charts	1	8	5		SS-1P30E
		Pipets, plastic	1	8	5		DR-004A
		Scoops, white	1	8	5		MS-004
		Sodium Chloride, 25 g vials	1	8	2	♦	IF-1-8EA
		Stir sticks	1	16	2, 5		TL-MSX16E
		Water, 30 mL empty drop controlled bottles	1	8	2, 5		WH-1-4EA
		Colored pencil sets, 8 colors	2	16	6, 7, 8, 16		IAPS-P12
		Filter paper discs	2	40	5	♦	TX-P009
		Number cubes, blue	2	16	8		DI-001B
		Number cubes, white	2	16	8		DI-001A
		SEPUP funnels	2	8	5		FU-001
		SEPUP trays	2	16	2, 5		CT-001
		Timers, MyChron	2	8	5		SW-005
		Building bricks, 2-button	3	80	7, 12		SMS-P016
		Contaminants and the Water Cycle cards, set of 6	3	16	8		SMS-L024
		Graduated cylinders, 50 mL	3	8	7		GC-011
		Macroinvertebrate chip set (8 different samples of 3 time periods)	3	1	4		SMS-L025
		Macroinvertebrate content list	3	1	4		SMS-L040
		Macroinvertebrate vials with hinged lid, labeled	3	24	4		VIAL030A
		Macroinvertebrate vial labels (<i>these get placed on the lids of the vials with hinged lid - not listed on drawer label</i>)	3	24	4		SMS-L031
		Vial caps	3	16	5		C1-VCX16
		Vials, clear plastic, 10 dram	3	16	5		C1-VX16
		Channel makers	5	8	7		SMS-V001