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	2nd Ed		3rd Ed	3rd Ed	Activity #	Consum-	
Qty	Drawer #	Description	Drawer #	Qty	where used	able ♦	Part Number
1	1	Rocks, small, bottle 🛕	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 (only 16 need to transfer over)	3	16	2, 7, 12		TW-9CX16
8	3	Cliffmakers, plastic D	4	8	12		IAES-V006
16	3	Cups, graduated, 30 mL (only 8 need to transfer over)	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 (only 8 need to transfer over)	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
		Sand mixture, 1250 cc bottles (3 from 2nd edition, 1 in 3rd edition drawer for					
3	2	a total of 4) S	3, 4	4	7, 12		IAES-P028

Land, Water & Human Interaction Drawer 1

Third Edition



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



No.	Description	ltem No.
4		LADO DIO
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



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.	Macroinvertabrate 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



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



No.	Description	ltem 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	2nd Ed		3rd Ed	3rd Ed	Activity #	Consum-	
Qty	Drawer #	Description	Drawer #	Qty	where used	able +	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 (only 16 need to transfer over)	3	16	2, 7, 12		TW-9CX16
8	3	Cliffmakers, plastic	4	8	12		IAES-V006
16	3	Cups, graduated, 30 mL (only 8 need to transfer over)	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 (only 8 need to transfer over)	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
		Sand mixture, 1250 cc bottles (3 from 2nd edition, 1 in 3rd edition drawer for					
3	2	a total of 4)	3, 4	4	7, 12		IAES-P028
Brand N	ew items th	nat come in the 3rd Edition Drawers Calcium Chloride, 10 g vials	1	8	2	* 1. 1	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 (these have been redesigned so you may discard the old mesh	1	- 1	U		SIVIS-IIVIP-SSDS
		sleeves and use the ones that come with the transition equipment)	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-B009
		Nitrogen color charts	1	8	5	X1	SS-1P30E
		Pipets, plastic	1	8	5		DR-004A
		Scoops, white	1	8	5		MS-004A
		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
		Buliding bricks, 2-button	3	80	7, 12		SMS-P016
		Contaminants and the Water Cycle cards, set of 6	3	16	8		SMS-F016
		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 (these get placed on the lids of the vials with		47	-		TINEOSOA
		hinged lid - not listed on drawer label)	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
a l	L. L.	energies makers		. 9	-		51415-1001

