

Issues and Science

Transitioning from
Second to Third Edition

FORCE AND MOTION (Second Edition) **to**
FORCE AND MOTION (Third Edition)

Drawer 1



Drawer 2



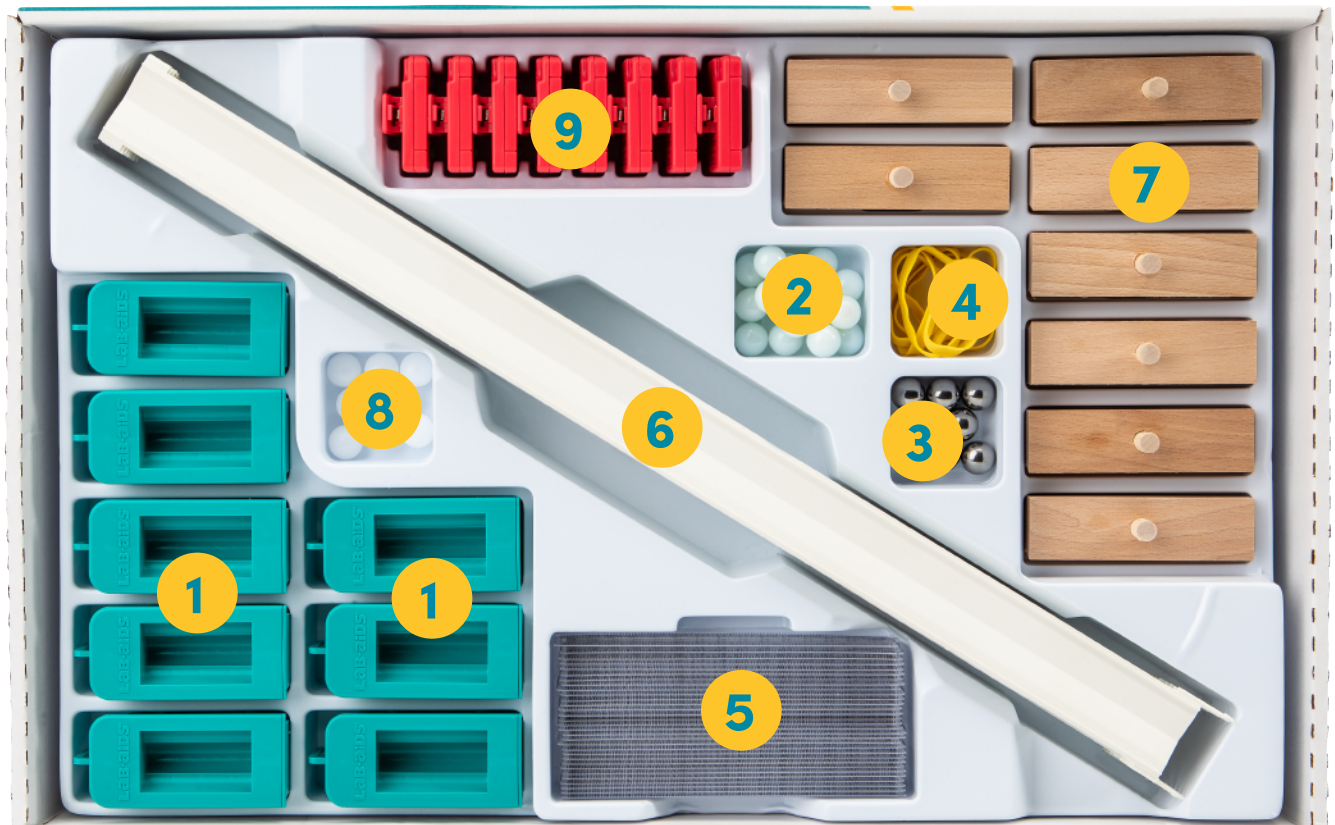
Drawer 3



2nd Ed Qty	2nd Ed Drawer #	Description	3rd Ed Drawer #	3rd Ed Qty	Activity # where used	Consumable ↕	Part Number
8	1	Circular track sets A	3	8	6		FM-006
8	1	Ramps <i>(8 from 2nd edition go in drawer 3, 8 in 3rd edition drawer 4 for a total of 16)</i> B	3, 4	16	2, 3, 10, 12, 13		FM-004
8	2	Carts C	1	8	2, 3, 4, 7, 13		FM-003C
8	2	Marbles, glass, 5/8" <i>(8 from 2nd edition, 8 in 3rd edition drawer for a total of 16)</i> D	1	16	6, 10, 12		MA-006C
8	2	Marbles, steel, 5/8" E	1	8	6, 12		ST-004A
8	2	Miniature road cones F	2	8	6		IAPS-V001
8	2	Rubber bands, yellow, 2 1/2" x 1/4" G	1	8	7		RB-009
32	2	Rulers, metric, 15 cm H	1	32	6, 14		RU-003B
8	2	Timers, MyChron I	1	8	2, 3, 7,		SW-005
16	2, 3	Tracks <i>(8 into drawer 1, 8 into drawer 2 for a total of 16)</i> J	1, 2	16	2, 3, 4, 7, 10, 12, 13		FM-001
8	2	Wooden blocks with hooks K	1	8	3, 4, 10		IAPS-P01E
8	3	Cloth strips, 1 3/8" x 45" L	2	8	13		FA-005A
24	3	Cylinders, steel, 5 cm x 1.3 cm M	2	24	4, 7, 13		ST-010A
16	3	Force meters, 2.5 N N	2	16	7, 10		P210-P01E

Force and Motion Drawer 1

Third Edition

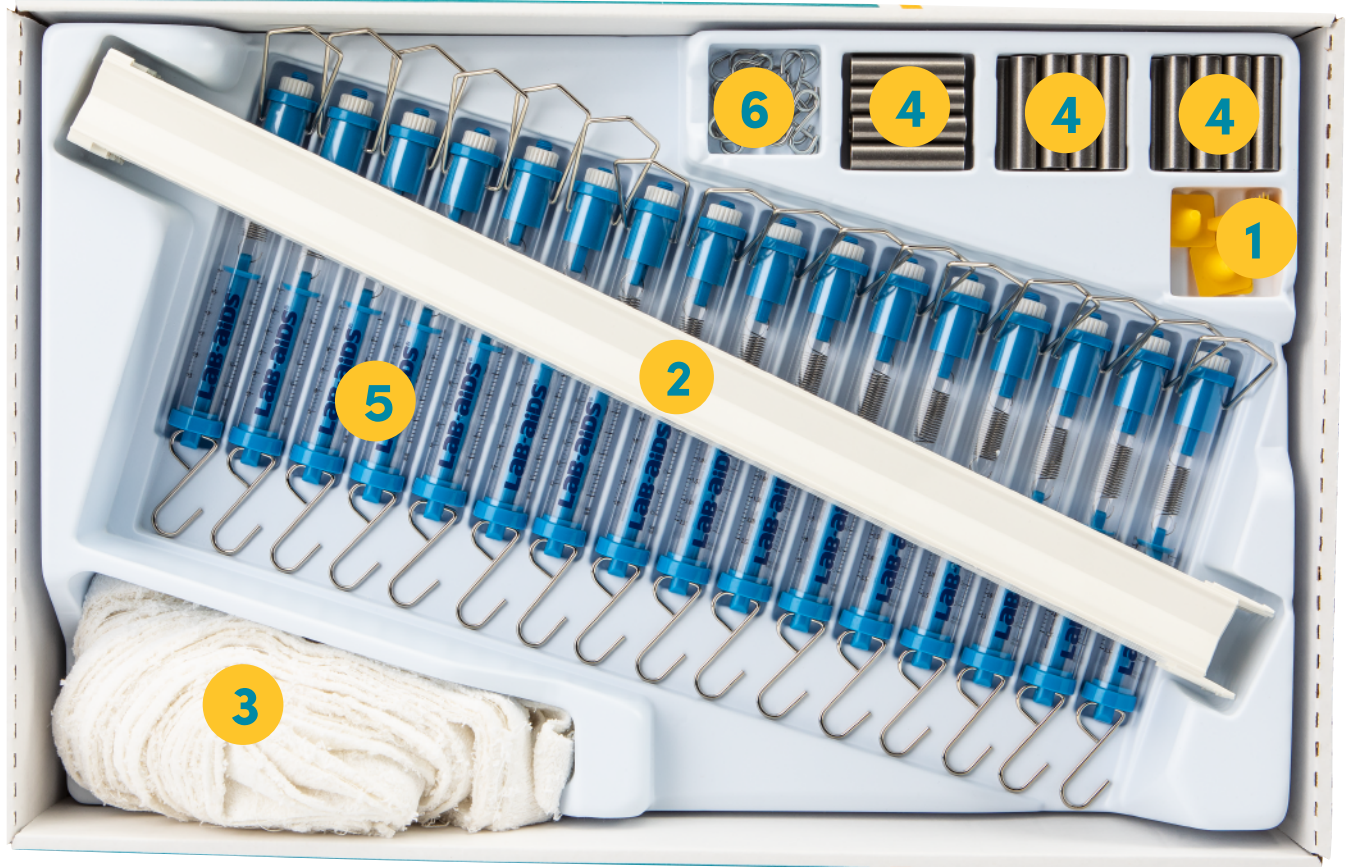


Force and Motion Drawer 1

No.	Description	Item No.
1.	Carts	FM-003C
2.	Marbles, glass, 5/8"	MA-006C
3.	Marbles, steel, 5/8"	ST-004A
4.	Rubber bands, yellow, 2 1/2" x 1/4"	RB-009
5.	Rulers, metric, 15 cm	RU-003B
6.	Tracks	FM-001
7.	Wooden blocks with hooks	IAPS-P01E
8.	Marbles, plastic, 5/8"	BA-029A
9.	Times, MyChron	SW-005

Force and Motion Drawer 2

Third Edition

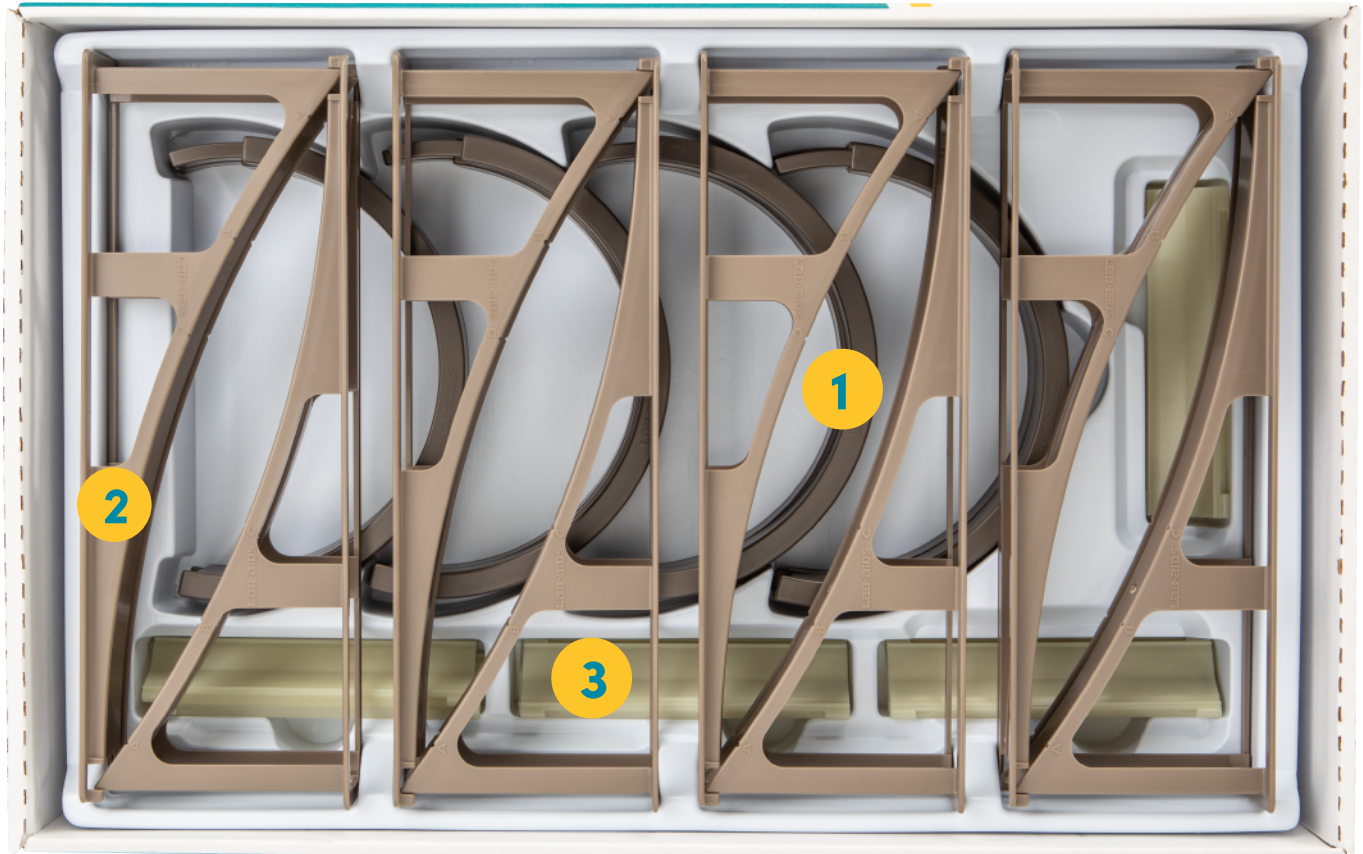


Force and Motion Drawer 2

No.	Description	Item No.
1.	Miniature road cones	IAPS-V001
2.	Tracks	FM-001
3.	Cloth strips, 1 3/8" x 45"	FA-005A
4.	Cylinders, aluminum, 5 cm x 1.3 cm	ST-010A
5.	Force meters, 2.5 N	P210-P01E
6.	Bucket hooks	SH-002

Force and Motion Drawer 3

Third Edition



Force and Motion Drawer 3

No.	Description	Item No.
1.	Circular track sets	FM-006
2.	Ramps	FM-004
3.	Tracks, small	FM-001S

Force and Motion Drawer 4

Third Edition



Force and Motion Drawer 4

No.	Description	Item No.
1.	Ramps	FM-004
2.	Balloons, 9"	BA-025
3.	Kinetic Energy cards, set of 40	SMS-L042
4.	Ropes, 2'	RO-005
5.	Rubber bands, cyan, 3" x 1/4"	RB-014
6.	Zone Strips	SMS-L041

Force and Motion Drawer 5

Third Edition



Force and Motion Drawer 5

No.	Description	Item No.
1.	Bucket hangers	HA-002
2.	Buckets (tubes with slots)	TUBE0011
3.	Cards, white, plastic (not shown)	VF-026B
4.	Colored pencil sets, 8 colors	IAPS-P12
5.	Cylinders, steel 1.3 cm	AL-002A
6.	Magnets, disk, ¼" x ½"	MA-004
7.	Motion sensor	MD-002
8.	Pulleys, single	PU-004A
9.	Smartphone holders with cart attachment	HO-002
10.	String, 840 ft ball	ST-014A
11.	Tape rolls, masking, 1" x 180'	TA-009A

2nd Ed Qty	2nd Ed Drawer #	Description	3rd Ed Drawer #	3rd Ed Qty	Activity # where used	Consumable ♦	Part Number
8	1	Circular track sets	3	8	6		FM-006
8	1	Ramps <i>(8 from 2nd edition go in drawer 3, 8 in 3rd edition drawer 4 for a total of 16)</i>	3,4	16	2, 3, 10, 12, 13		FM-004
8	2	Carts	1	8	2, 3, 4, 7, 13		FM-003C
8	2	Marbles, glass, 5/8" <i>(8 from 2nd edition, 8 in 3rd edition drawer for a total of 16)</i>	1	16	6, 10, 12		MA-006C
8	2	Marbles, steel, 5/8" <i>(8 from 2nd edition, 8 in 3rd edition drawer for a total of 16)</i>	1	16	6, 12		ST-004A
8	2	Miniature road cones	2	8	6		IAPS-V00I
8	2	Rubber bands, yellow, 2 1/2" x 1/4"	1	8	7		RB-009
32	2	Rulers, metric, 15 cm	1	32	6, 14		RU-003B
8	2	Timers, MyChron	1	8	2, 3, 7,		SW-005
16	2, 3	Tracks <i>(8 into drawer 1, 8 into drawer 2 for a total of 16)</i>	1, 2	16	2, 3, 4, 7, 10, 12, 13		FM-001
8	2	Wooden blocks with hooks	1	8	3,4, 10		IAPS-POIE
8	3	Cloth strips, 1 3/8" x 45"	2	8	13		FA-005A
24	3	Cylinders, steel, 5 cm x 1.3 cm <i>{24 from 2nd edition, 8 in 3rd edition drawer for a total of 24}</i>	5	32	4, 7, 13		ST-010A
16	3	Force meters, 2.5 N	2	16	7, 10		P210-P01E

Brand New items that come in the 3rd Edition Drawers

		Marbles, plastic, 5/8"	1	16	12		BA-029A
		Bucket hooks	2	16	7		SH-002
		Tracks, small	3	8	10, 12		FM-001S
		Balloons, 9"	4	5	10		BA-025
		Kinetic Energy cards, set of 40	4	2	5		SMS-L042
		Ropes, 2'	4	8	10		RO-005
		Rubber bands, cyan, 3" x 1/4"	4	24	2, 3, 7		RB-014
		Zone Strips	4	8	12		SMS-L041
		Bucket hangers	5	16	7		HA-002
		Buckets (tubes with slots)	5	16	7		TUBE0011
		Cards, white, plastic	5	1	8		VF-026B
		Colored pencil sets, 8 colors	5	16	11, 14		IAPS-P12
		Cylinders, aluminum, 5 cm x 1.3 cm	2	16	7		AL-002A
		Magnets, disk, 1/4" x 1/2"	5	16	2, 3, 7		MA-004
		Motion sensor	5	1	7		MD-002
		Pulleys, single	5	16	7		PU-004A
		Smartphone holders with cart attachment	5	8	2, 3, 7		HO-002
		String, 840 ft ball	5	1	7		ST-014A
		Tape roll, masking, 1" x 180'	5	1	2, 3, 4, 7, 11	♦	TA-009A