

The quantity of manipulative items provided in this kit may exceed the quantity required for certain activities. For full information regarding requirements for unit materials and hands-on activity planning, please see the Overview: Materials and Preparation section of the Amplify Science Teacher's Guide.

Grade 3

Balancing Forces

Total Boxes/Bins: 1

30 Students

Box/Bin	Item Description	Kit Qty
1	Aluminum Foil	1
1	Bag, plastic zip, 10 x 12"	42
1	Ball, hi-bounce	15
1	Balloons, pkg/35	1
1	Battery Holder, D cell	1
1	Battery, D cell	2
1	Bolt	1
1	Cardboard Tube	9
1	Cardboard, 2 x 2"	15
1	Cardboard, 2 x 3.5"	15
1	Cardboard, 3.5 x 7"	15
1	Clothespins, wood, pkg/32	1
1	Craft Sticks, pkg/30	1
1	Cup, plastic, 16 oz	15
1	Fasteners, brass plated magnetic, pkg/100	1
1	Fasteners, solid brass, pkg/100	1
1	Hook	32
1	Index Cards, 4 x 6", pkg/100	1
1	Magnet, ceramic	32
1	Marbles, magnetic, pkg/20	1
1	Paperclips, box/100	2
1	Rectangles, plastic, pkg/10	2
1	Sandpaper, fine	1
1	Spoon, metal teaspoon	9
1	Steel Wool Pads, pkg/6	2
1	String, cotton	1

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Box/Bin	Item Description	Kit Qty
1	Twist Tie, black	18
1	Washer, zinc 9/16"	9
1	Wire, Enameled Copper	1
1	Wood Block	32

Box/Bin	Print Type	Item Description	Kit Qty
1	Investigation Notebook	Investigating Floating Trains (90 Pages / Book)	1
1	Print Items	Word Relationships Cards: Set 1 (8 Cards / Set)	15
1	Print Items	Word Relationships Cards: Set 2 (3 Cards / Set)	15
1	Print Items	Word Relationships Cards: Set 3 (3 Cards / Set)	15
1	Print Items	Word Relationships Cards: Set 4 (1 Card / Set)	15
1	Classroom Wall	Chapter Questions (5 Cards / Set)	1
1	Classroom Wall	Key concepts (10 Cards / Set)	1
1	Classroom Wall	Section headers: Key Concepts, Vocabulary (2 Cards / Set)	1
1	Classroom Wall	Unit Question (1 Card / Set)	1
1	Classroom Wall	Vocabulary cards (12 Cards / Set)	1
1	Student Book	Explaining a Bridge (20 Pages / Book)	15
1	Student Book	Forces All Around (24 Pages / Book)	15
1	Student Book	Handbook of Forces (36 Pages / Book)	15
1	Student Book	Hoverboard (20 Pages / Book)	15
1	Student Book	What My Sister Taught Me About Magnets (28 Pages / Book)	15

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Inheritance and Traits

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30 Students

Box/Bin	Item Description	Kit Qty
1	Cup, plastic, 16 oz	24
1	Food Coloring, pkg/4	16
1	Modeling Clay, green	3
1	Modeling Clay, red	3
1	Modeling Clay, yellow	3
1	Stickers, blue, removable, sheet/35	8
1	Stickers, red, removable, sheet/35	8

Box/Bin	Print Type	Item Description	Kit Qty
1	Investigation Notebook	Variation in Wolves (104 Pages / Book)	1
1	Print Items	Animal Cards (10 Cards / Set)	8
1	Print Items	Bear Cards (20 Cards / Set)	1
1	Print Items	Bird Cards (8 Cards / Set)	15
1	Print Items	Bison Valley Pack Data Cards (6 Cards / Set)	8
1	Print Items	Elk Mountain Pack Data Cards (6 Cards / Set)	8
1	Print Items	Flamingo Family Data Cards (4 Cards / Set)	8
1	Print Items	Fruit Fly Family Data Cards (4 Cards / Set)	8
1	Print Items	Sparrow Family Data Cards (3 Cards / Set)	8
1	Print Items	Wolf Family Data Cards (2 Cards / Set)	8
1	Print Items	Word Relationship Cards Set 1 (4 Cards / Set)	8
1	Print Items	Word Relationships Cards: Set 2 (6 Cards / Set)	8
1	Print Items	Word Relationships Cards: Set 3 (4 Cards / Set)	8
1	Classroom Wall	Chapter Questions (4 Cards / Set)	1
1	Classroom Wall	Key concepts (10 Cards / Set)	1
1	Classroom Wall	Section headers: Key Concepts, Vocabulary (2 Cards / Set)	1
1	Classroom Wall	Unit Question (1 Card / Set)	1
1	Classroom Wall	Vocabulary cards (14 Card / Set)	1
1	Student Book	Blue Whales and Buttercups (28 Pages / Book)	15
1	Student Book	Handbook of Traits (52 Pages / Book)	15
1	Student Book	How the Sparrow Learned Its Song (24 Pages / Book)	15
1	Student Book	Scorpion Scientist (28 Pages / Book)	15
1	Student Book	The Code (24 Pages / Book)	15

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Grade 3

Environments and Survival

Total Boxes/Bins:2

30 Students

Box/Bin	Item Description	Kit Qty
1	Straws, pkg/250	3
1	Tape, masking	30
1	Cups, plastic, 9 oz, pkg/50	1
1	Modeling Clay, yellow	4
1	Craft Sticks, pkg/1000	1
1	Craft Sticks, pkg/250	1
1	Skill Sticks, bag/160	3
1	Droppers/Pipettes, pkg/20	2
1	Tape, packing	1
1	String, cotton	2
1	Pipe Cleaner, brown, pkg/100	5
1	Cardstock, black, pkg/36	1
1	Cardstock, white, pkg/36	1
1	Bag, plastic zip, 10 x 12"	30
1	Pawn game piece, blue	15
1	Pawn game piece, red	15
1	Dice	15
1	Game Chips, black, pkg/100	5
1	Game Chips, white, pkg/100	3
2	Graduated Cylinder, 50 mL	32

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Environments and Survival

Total Boxes/Bins:2

Box/Bin	Print Type	Item Description	Kit Qty
2	Investigation Notebook	Snails, Robots, and Biomimicry (88 Pages / Book)	1
2	Print Items	Grove Snail Cards (9 Cards / Set)	15
2	Print Items	Grove Snail Data Cards: Set 1 (4 Cards / Set)	15
2	Print Items	Grove Snail Data Cards: Set 2 (6 Cards / Set)	15
2	Print Items	Grove Snail Data Cards: Set 3 (3 Cards / Set)	15
2	Print Items	Neck Test Posters (4 Sheets / Set)	2
2	Print Items	Needs for Survival Environment Cards (4 Cards / Set)	8
2	Print Items	Needs for Survival Organism Cards (4 Cards / Set)	8
2	Classroom Wall	Chapter Questions (4 Cards / Set)	1
2	Classroom Wall	Key concepts (9 Cards / Set)	1
2	Classroom Wall	Section headers: Key Concepts, Vocabulary (2 Cards / Set)	1
2	Classroom Wall	Unit Question (1 Card / Set)	1
2	Classroom Wall	Vocabulary cards (19 Card / Set)	1
2	Student Book	Biomimicry Handbook (44 Pages / Book)	15
2	Student Book	Cockroach Robots (24 Pages / Book)	15
2	Student Book	Earthworms Underground (28 Pages / Book)	15
2	Student Book	Environment News (24 Pages / Book)	15
2	Student Book	Mystery Mouths (28 Pages / Book)	15

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Grade 3

Weather and Climate

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30 Students

Box/Bin	Item Description	Kit Qty
2	Bag, plastic zip, 6 x 8"	35
2	Craft Sticks, pkg/500	1
2	Cup, plastic, 1/2 oz	8
2	Cup, plastic, 16 oz	8
2	Cups, plastic, 9 oz, pkg/50	2
2	Energy Tokens, pkg/400	2
2	Index Cards, 4 x 6", pkg/100	1
2	Linking Cube, yellow, pkg/100	1
2	Pan, utility, polystyrene	8
2	Rain Gauge	1
2	Screw, phillips	2
2	Sticky Note Pad, green	1
2	Sticky Note Pad, pink	6
2	Sticky Note Pad, yellow	2
2	Straws, pkg/250	2
2	Thermometer, large	1
2	Thermometer, small	24

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Weather and Climate

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Box/Bin	Print Type	Item Description	Kit Qty
1	Investigation Notebook	Establishing an Orangutan Reserve (84 Pages / Book)	1
1	Print Items	Evidence Cards: Chapter 4 (7 Cards / Set)	15
1	Print Items	Orangutan Data Cards (36 Cards / Set)	1
1	Print Items	Temperature Chart Cards (4 Cards / Set)	1
1	Classroom Wall	Chapter Questions (4 Cards / Set)	1
1	Classroom Wall	Key concepts (9 Cards / Set)	1
1	Classroom Wall	Section headers: Key Concepts, Vocabulary (2 Cards / Set)	1
1	Classroom Wall	Unit Question (1 Card / Set)	1
1	Classroom Wall	Vocabulary cards (17 Cards / Set)	1
1	Student Book	Dangerous Weather Ahead (28 Pages / Book)	15
1	Student Book	Seeing the World Through Numbers (28 Pages / Book)	15
1	Student Book	Sky Notebook (28 Pages / Book)	15
1	Student Book	What's Going On with the Weather? (24 Pages / Book)	15
1	Student Book	World Weather Handbook (52 Pages / Book)	15