

Balancing Forces: Investigating Floating Trains

The quantities listed are what you will need to provide to teach the unit once for a class of 36 students. Please note that you will need to replenish the consumable items after each class use.

Materials to be provided by the teacher for the *Balancing Forces* unit

Quantity	Description	Used in lesson
36	books, heavy, or other 1-lb. objects	3.1
9	cardboard tubes (toilet-paper rolls), 4" long (provided in some kits)	3.3
1	hole punch, single	2.5
1	marker, black	throughout
7	paper, chart, sheets*	throughout
18	pencils	2.5, 3.4, 4.4, 5.4
10	pennies	2.1, 2.2
20	rubber bands, thick, medium size*	1.2, 3.3
18	rulers	5.1
1	scissors	throughout
10	spoons, plastic	2.1, 2.2
1	stapler	1.1
1200	sticky notes, yellow, 3" x 3"* **	throughout
2	tape, masking, rolls* **	throughout

*consumable item

**included in the Amplify Science Starter Kit, if purchased

Inheritance and Traits:

Variation in Wolves

The quantities listed are what you will need to provide to teach the unit once for a class of 36 students. Please note that you will need to replenish the consumable items after each class use.

Materials to be provided by the teacher for the *Inheritance and Traits* unit

Quantity	Description	Used in lesson
36	celery, stalks with leaves*	3.3
18 sets	crayons or color pencils (at a minimum brown, grey, black, yellow, pink)	4.3
9	index cards (3" x 5")*	3.3
1	knife	3.3
1	marker, permanent, black	2.4, 3.3
1	marker, wide tip, black	throughout
108	paper clips	1.3, 1.5, 1.6, 2.1, 2.5, 3.1, 3.6, 4.2
14	paper, chart, sheets*	1.1, 1.2, 1.3, 1.5, 1.7
36	pencils	3.3
1–2	pitchers	3.3
1	scissors	2.4
1	stapler	1.1
4	sticky notes, yellow, 3" x 3", pads (100 notes/pad)* **	1.4, 1.5
1	tape, masking, roll* **	throughout
19	trays, plastic**	2.4, 3.3
27 cups	water*	3.3
9	paper, blank sheets*	3.3

*consumable item

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Environments and Survival: Snails, Robots, and Biomimicry

The quantities listed are what you will need to provide to teach the unit once for a class of 36 students. Please note that you will need to replenish the consumable items after each class use.

Materials to be provided by the teacher for the *Environments and Survival* unit

Quantity	Description	Used in lesson
18	glue sticks	2.5, 3.3
5	magnets	1.3, 2.5
1	marker, black, permanent, fine-tip	2.1
1	marker, black, wide tip	throughout
2	metersticks (or tape measures with metric measurements)	4.3, 4.4, 4.5
9	paper clips, large	2.1
180	paper clips, small	1.2, 1.3, 1.4, 1.5, 2.3, 2.5, 2.6, 3.3, 3.4
1	paper towels, roll*	2.1
4	paper, chart, sheets*	1.2, 1.5, 2.7
36	paper, sheets (8.5" x 11")*	2.5, 3.3
several for each pair of students	pencils, colored	2.7, 2.8
1–2	pitchers (or containers)	2.1
1	scissors, adult (or paper cutter)	1.3, 1.4, 2.1, 2.5, 3.3
18	scissors, safety	4.2, 4.3, 4.4, 4.5
1	stapler	1.1
1	tape, masking, roll* **	throughout
2	timers or stopwatches (with second hands)	3.1, 4.3
18	trays, plastic**	1.5, 2.1, 2.4, 3.1, 4.2
36 cups	water*	2.1

*consumable item

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Weather and Climate: Establishing an Orangutan Reserve

The quantities listed are what you will need to provide to teach the unit once for a class of 36 students. Please note that you will need to replenish the consumable items after each class use.

Materials to be provided by the teacher for the *Weather and Climate* unit

Quantity	Description	Used in lesson
3	pitcher or container, plastic, 32 oz.	1.3, 1.5, 4.3
108	crayons or markers (3 different colors/student)	2.3
1	hair dryer	4.3
2 trays	ice or chilled water*	1.3
1	kettle, electric or microwave	1.3
1	knife or sharp, pointed object	1.2
1	marker, permanent, black	1.2, 1.3
1	marker, wide tip, black	throughout
36	paper clips	1.5, 4.4
11	paper, chart, sheets*	throughout
18	paper cutter or scissors	1.5, 2.4, 3.6, 4.3
18	pennies	4.3
1	ruler, millimeter marks	1.5
1	stapler	1.1
2	tape, masking, rolls* **	throughout
9	trays, plastic**	1.2, 1.3
1	water, gallon*	1.2, 1.3, 1.5, 4.3

*consumable item

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