

Needs of Plants and Animals: Milkweed and Monarchs

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 *Needs of Plants and Animals* unit

Quantity	Description	Used in lesson
1	bowl, mixing, large	1.7, 2.1, 2.3, 2.5, 2.6
9	clipboards or notebooks	1.3
4	garlic bulbs, intact*	1.7, 2.3, 2.5, 2.6
36	garlic cloves*	1.7, 2.3, 2.5 (optional), 2.6
18	glue sticks	4.3
7	index cards, 3" x 5"	1.2, 1.7, 2.2, 2.5
1	marker, black	throughout
1	marker, blue	throughout
1	paper, chart, pad*	throughout
1	pitcher, or large bottle of water	1.7, 2.1, 2.3, 2.5, 2.6
2	pocket charts	throughout
100	sentence strips	throughout
1	sharp scissors	1.7, 2.1, 2.3, 2.5, 2.6
1	spoon, large	1.7, 2.1, 2.3, 2.5, 2.6
36	sticky notes* **	1.6, 3.4
1	tape, masking, roll* **	throughout

*consumable item

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

Pushes and Pulls: Designing a Pinball Machine

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 *Pushes and Pulls* unit

Quantity	Description	Used in lesson
18 of each	optional: additional items for Forces Investigation (such as binder clips, cardboard tubes, clothespins, cotton balls, crayons, die, erasers)	1.3
36	classroom items (such as bean bags, wooden blocks, or books)	4.1, 4.2
36	optional: clipboards	6.1
36	crayon, black	1.4, 2.3, 3.4, 4.3, 5.1
36	crayon, blue	4.3, 5.1
36	crayon, brown	4.3, 5.1
36	crayon, orange	1.4, 2.3, 3.4, 4.3, 5.1
36	crayon, red	3.4, 5.1
39	cubes, small interlocking plastic or wooden	1.2, 1.3
1	marker, wide tip, black	throughout
1	marker, wide tip, brown	4.3, 5.1
1	marker, wide tip, orange	1.4, 2.3, 3.4, 4.3, 5.1
1	marker, wide tip, red	3.4, 5.1
1	marker, wide tip, blue	4.3, 5.1
1	paper clips, box*	throughout
19	paper towel or tissue, sheets*	1.3
1	paper, chart, pad*	1.1, 1.3, 1.4, 1.5, 2.3, 3.5, 4.3
57	paper, regular or construction, 8.5" x 11", sheets	3.3, 5.1, 5.2
19	pipe cleaners, any color	1.3
100	sentence strips	throughout
2	sticky notes, square, 3" x 3", pads, 2 different colors* **	3.5, 5.2, 5.3
1	whiteboard or pocket chart	1.2, 1.3, 1.5, 2.2, 2.3, 3.2, 3.4, 4.2, 6.1

*consumable item

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

Sunlight and Weather:

Solving Playground Problems

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 *Sunlight and Weather* unit

Quantity	Description	Used in lesson
1	black marker, wide-tip	throughout
1	clipboard	1.3
1	construction paper, black, 8.5" x 11"*	5.2
18	construction paper, white, 11" x 17"*	5.5
18 sets	crayons: red, orange, yellow, green, blue, purple	throughout
1	extension cord (optional)	2.1, 3.1, 4.1
enough to chill 18 plastic cups of water	ice*	1.2
12	index cards, white, 4" x 6"*	1.3, 1.4, 2.1, 2.2
1 set	markers: red, orange, yellow, green, blue, purple	1.2, 2.2, 3.2, 4.1, 4.2
20	paper, chart*	throughout
1	paper cutter or scissors	2.1, 3.1
1	paper, scratch*	1.2
37	paper, white, 8.5" x 11"*	2.2, 2.3, 5.2
36	pencils	throughout
1	pitcher, large	1.2, 5.2
1	ruler, 12-inch	1.2
15	sentence strips	throughout
1	tape, masking, rolls* **	throughout
1	timing device (e.g., wall clock, cell phone, stop watch)	3.1, 4.1
18	trays, plastic**	5.2
2	Water, gallons*	1.2, 5.2
1	X-Acto knife or other sharp instrument	5.2
1	pocket chart	2.4, 3.4, 4.3

*consumable item

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