

OpenSciEd Biology Unit 3

KIT # 470357-132

Inheritance & Variation of Traits



Lesson # Included Items

3	Dice	32
3	Game pieces (pawns), in 5 different colors	35
3	Checkpoint cards	1 pkg 8 sets
3	Cell cycle data	2 sheets
3	Cellular chance cards	1 pkg 8 sets
3	Red and blue tokens	1 pkg/4 sheets
3	Mitosis card sort key	1 pkg/9 sets
3	Mitosis phase cards	1 pkg 16 sets
3, 11	Cell game board	8
6	Class set of amino acid cards	1 pkg 24 sets
6	Class set of DNA sequences	1 set
8	p53 BRCA1 pedigree	1 pkg/35
8	6" pipe cleaners (Cut the 12" in half.)	215
8	Pony beads, blue	170
8	Pony beads, red	340
8	Pony beads, light blue	40
8	Pony beads, yellow	40
9	Coupon - Wild type yeast, UV-sensitive yeast	1
9	Toothpicks	60
9	Transfer pipets, sterile, 1 mL	22
9	Spreaders (replaces glass beads; see note below)	2 pkg/10
9	Yeast-extract dextrose medium	3
9	Petri dish	1 pkg

Be careful to touch the spreader on the handle only. Using the short end of the spreader at an angle, open the petri dish slightly and spread the cell suspension thoroughly around to the edges of the plate.

Std. Class/Lab Equipment		Suggested Quantities	Available at wardsci.com Part #
Lesson #			
1	Markers, dry erase	1 set	470104-998
1, 6, 7,10,11	3x3 sticky notes (any color)	2 pads	470337-265
1,6,7,8,9,10,12	Chart paper	1	470149-864
1,7,9,10,11,12	Markers	8	470338-508
5	Loose-leaf paper	35 sheets	n/a
7, 11	Markers, colored	5	470347-380
9	Aluminum foil	1 roll	470174-014
9	Timer	8	470356-002
9	Test tube rack	2	470174-092
9	Culture test tubes	7	470201-698
9	Disposable non-latex gloves	70	76518-338
9	Indirectly vented chem. splash goggles	35	470016-082

Locally Sourced		Suggested Quantities	Available at wardsci.com Part #
Lesson #			
6	Pens, assorted colors	5	470151-644
9	UV light box (optional)	1	470311-170
9	Various types of fabric (optional)	1	470314-990
9	Incubator (optional)	1	470230-608
9	Ethanol or bleach	30 ml	470108-532
9	Sunscreen lotion SPF 30	8 oz	470228-166
9	Permanent marker	8	470153-994
9	Plastic wrap	1 roll	470150-434
9	Water, sterile	100 ml	470221-088