

OpenSciEd Unit 8.5

Genetics

KIT # 470348-748



Included Items

Beaker, 50 mL, plastic	8	
Beaker, 100 mL, plastic	8	
Beaker, 250 mL, plastic	8	
Cheesecloth, 4x4 inches	2	sq yds
Cup for hot liquid, 8-10 oz	8	
Dish soap	7	oz
Electric kettle	1	
Glove, disposable	1	pk
Graduated cylinder, 50 mL	8	
Isopropyl alcohol (91-100%) or ethanol (95%)	250	ml
Lesson 1 Cards: Cattle	1 set of 32 cards	
Lesson 1 Cards: Tulips	8 sets of 24 cards	
Lesson 2 Prints: Muscles Gallery Walk	1 set	
Lesson 5 Prints: Cattle Pedigree Cards	2 copies of 5 family sets	
Lesson 6 Prints: Chromosomes and Proteins Data Cards	2 sets of 35 half-sheets	
Lesson 8 Prints: Cattle Siblings Data Cards	2 sets of 15 sheets	
Lesson 11 Cards: Apples	2 sets of 12 cards	
Lesson 11 Cards: Arms	2 sets of 16 cards	
Lesson 11 Cards: Flamingo	2 sets of 10 cards	
Lesson 11 Cards: Planaria	2 sets of 16 cards	
Lesson 11 Cards: Strawberries	2 sets of 12 cards	
Lesson 11 Cards: Wheat Kernels	6 sets of 10 cards	
Lesson 15 Prints: Planaria Gallery Walk	1 set of 12 sheets	
Lima bean, dry	1	lb
Measuring tape	8	
Meat tenderizer	3.4	oz
Plastic bag, sealable, quart-sized, freezer quality	10	
Poker chip	200	
Protein powder, unflavored or vanilla	8	oz
Rubber band, non-latex	10	
Salt	737	g
Skewer or coffee stirrer, wooden	10	
Spoon	1	pk
Sticky dot, colored	1	pk
Sticky note, 3x3"	400	sheets
Sticky note, 8x6"	4	pk
Tape, masking	1	roll
Tape, transparent	15	rolls
Tweezers or small forceps	18	

Safety Items Sold Separately at wardsci.com

Apron, non-latex	30	470156-174
Safety goggles	30	470016-082

Locally Sourced Items**Suggested
Quantities****Available at wardsci.com
Part #**

Apple, fresh	2	
Chart paper	1	470149-698
Flower, fresh	15	
Glue stick	15	470149-726
Ice	about 24 cubes	
Marker, dark color	32	470338-506
Marker, permanent black	15	470217-640
Paper towel	1 roll	470174-714
Paper, copy, white	1 pk	470089-238
Pea pod, fresh	2	
Red or green pepper, fresh	2	
Scissors	15	470101-894
Strawberry, fresh	2	
Strawberry, frozen	24	