

Spreadsheet of Consumables Costs and Ordering Information:

Item	lessons that need this	How many are needed per class	Directions	Possible vendor Item # and details	Cost per item	Other notes	Total \$ for 3 classes	Total \$ for 6 classes
Sterile cotton swabs	Lesson 3a	1 swab per plate in 3a (5 swabs per group ~ 10 groups) = 50 swabs	320 swabs per class total	www.amazon.com Cotton Swabs Sterile 3 Inch 200 Pkgs Of 2 from Dynarex	\$6.97	You will need 1 of these for every class of students.	20.91	41.82
	Lesson 5a	270 total (see petri dish calculations)						
	Lesson 5b							
	Lesson 5c							
	Lesson 5d							
E. coli strain HB101	Lesson 5a	Groups will swab three plates with the mixture.	One preparation should last one class (10mg E Coli mixed with 40ml water)	www.bio-rad.com #166-0408EDU	EDU price: \$19	You will need 1 of these for every class of students.	57	114
Ampicillin	Lesson 5a	3 preparations of solution: 1 mg per 10 ml 3 mg per 10 ml 5 mg per 10 ml	1 preparation of this should last for each lesson for 1 class. Since there are 4 lessons (5a - 5d) you will need 4 vials for every 3 classes of students.	www.bio-rad.com #166-0407EDU 1 vial = 30 mg	EDU price \$18	You will need 4 vial for every 3 classes of students	72	144
	Lesson 5b							
	Lesson 5c							
	Lesson 5d							
Vinyl gloves	Lesson 3a	2 per student (30 students per class)	for 5 lessons, this comes to 300 per class, or 900 per 3 classes	www.amazon.com Cardinal Health 88881 InstaGard Nonsterile Synthetic Vinyl Glove, Exam, Powder Free, 6.6 mil Finger Thickness, 9" Length, Large (10 Cases of 100)	\$30.94	1 of these needed per 3 classes, 2 per 6 classes.	30.94	61.88
	Lesson 5a							
	Lesson 5b							
	Lesson 5c							
	Lesson 5d							
Petri dishes	Lesson 3a	3 per group of 4 students so, 24 per class	Assuming 32 students per class	http://www.lcmlab.com/#206D1 500 per pack http://www.lcmlab.com/Plastic_Petri_Dishes_90x15mm_3_Vents_Sterile_1_p/w-206f1.htm	\$52.15	\$104.30 for 3 classes \$156.55 for 6 classes	104.30	156.55
	Lesson 5a	6 per group of 4 students, so 48 per class	total of 216 per class					
	Lesson 5b	6 per group of 4 students, so 48 per class						
	Lesson 5c	6 per group of 4 students, so 48 per class						
	Lesson 5d	6 per group of 4 students, so 48 per class						
Agar	Lesson 3a	Same as petri dishes (130 plates total per class)	23 g per 1000 ml of water makes enough for 50 plates.	http://www.carolina.com/ Item # 216710 (500 g bottle)	\$84.00	1 bottle per 4 classes	84	168
	Lesson 5a		for ~250 plates we will need ~125 g per class					
	Lesson 5b							
	Lesson 5c							
	Lesson 5d							
Ziplock bags	Lesson 3a	50 per class	CLEAR: Ziploc Easy Open Tabs Sandwich Bags 125 count (Pack of 4) = 500	www.amazon.com 500 total bag	\$13.70	2 Packages is enough for 6 classes	13.70	13.70
Total for Consumables							382.85	699.95
Stericycle disposal fee (for lesson 3b), if school does not have bio disposal services							250	250
Total for Consumable + disposal fees							632.85	949.95
							for 3 classes	for 6 classes

CHECKLIST FOR SCHOOL

Item	WHO IS SENDING THEM	WHAT IS IN EACH PACKAGE	TOTAL PACKAGES EXPECTED	DID THEY ARRIVE?
Sterile cotton swabs	www.amazon.com	www.amazon.com Cotton Swabs Sterile 3 Inch 200 Pkgs Of 2 from Dynarex		
Ziplock bags		CLEAR: Ziploc Easy Open Tabs Sandwich Bags 125 count (Pack of 4) = 500 BAGS		
Vinyl gloves		Cardinal Health 8888I InstaGard Nonsterile Synthetic Vinyl Glove, Exam, Powder Free, 6.6 mil Finger Thickness, 9" Length, Large (10 Cases of 100)		
Petri dishes	http://www.lcmlab.com/	Item #206D1 500 Petri dishes per pack		
Agar	http://www.carolina.com/	Item # 216710 (500 g bottle)		
Ampicillin	www.bio-rad.com	Ampicillin #166-0407EDU		
E. coli strain HB101		E. coli strai #166-0408EDU		

Materials not part of this budget

- Filter paper (a couple pieces of this per class will be enough) coffee filter paper can be used in place of lab filter paper if you don't have any.
- Tape
- Tweezers (for each lab group)
- Permanent markers (for labeling Petri dishes and ziplock bags)
- Hand sanitizer
- Glassware for mixing solutions and drawing samples from.
- Microwave (for sterilizing agar solution)
- Poster paper
- Post-its