



a WOW Lab

BLUEPRINT

Buoyancy

Shopping List

The list is divided up into consumable and reusable items. Quantities listed assume a class size of 30 students split into five groups. The listed initial cost assumes that the activity has never been performed before and that all of the materials must be purchased. The legend below provides details of where the materials can be found:

A = Arts and Crafts Store
D = Dollar Store
E = Educational Supplier

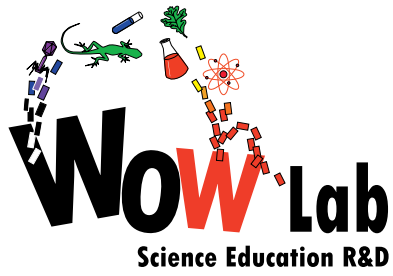
G = Grocery Store
H = Hardware Store
O = Online

P = Pharmacy
S = Specialty Store
U = University

CONSUMABLE ITEMS			
Item	Amount Required	Purchase Code	Total Cost
water	12 L	—	free
small balloon	5	D	\$1.00 (for 20)
powdered antacid	10 tbsp	G	\$4.00 (for 150 g)
white sugar	10 tbsp	G	\$2.00 (for 500 g)
salt	200 g	G	\$2.00 (for 500 g)
COST OF CONSUMABLE ITEMS:			\$9.00

REUSABLE ITEMS			
Item	Amount Required	Purchase Code	Total Cost
2 L pop bottle	5	—	free
591 mL pop bottle	5	—	free
label from 2 L pop bottle	1	—	free
rubbing alcohol (optional)	10 L	G	\$30.00
can of regular pop (355 mL)	1	G	\$1.50
can of diet pop (355 mL)	1	G	\$1.50
COST OF REUSABLE ITEMS:			\$33.00

INITIAL COST: \$42.00



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Buoyancy - Shopping List

Tools

- scissors
- permanent marker
- wooden spoon
- super glue
- 5 test tubes
- 5 balances
- 3 large buckets
- 5 funnels
- 5 small buckets for disposing of water