



a WOW Lab

**BLUEPRINT**

**Nuclear Mousetraps**

## Shopping List

Quantities listed assume that one tile will be made. To expand this demonstration to multiple tiles, multiply all the quantities by the desired number of tiles. To include a delay between a pair of tiles, purchase some 2 inch tubing. 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

REUSABLE ITEMS			
Item	Amount Required	Purchase Code	Total Cost
rubberbands	18	D	\$2.00 (for 200)
golf balls	18	D	\$8.00 (for 24)
mousetraps	9	D	\$12.00 (for 12)
Bic Round Stic pens	9	D	\$1.00 (for 10)
coffee stirrers	27	D	\$2.00 (for 300)
foam playmat	1	S (Toy Store)	\$20.00 (for 4)
washers	18	H	\$2.00 (for 50)
1/4 in. x 1 in. bolts	9	H	\$1.00 (for 10)
2 in. plastic tubing (optional)	1	H	\$5.00
<b>COST OF REUSABLE ITEMS:</b>			<b>\$48.00 - \$53.00</b>

**INITIAL COST: \$48.00 - \$53.00**

## Tools

- hot glue gun and glue sticks
- scissors
- craft knife
- tape (duct tape)
- drill with 1/4 in. bit
- 1m ruler
- saw