

Rube Goldberg Machine Design Contest 2007

Teacher Training Day January 26, 2007

Item list of materials in the supplies kit

See reverse for materials available day of the competition

1' 2x3	Lumber	4	Nuts and Bolts 1/4" (1-1.5")	Construction	2
2"x2" corner brace, packages	Construction	1	Nuts and Bolts 5/16" (1.5")	Construction	8
Aluminum drip pan	Home Goods	1	Pail	Toys	1
Aluminum foil roll	Home Goods	1	Paper clips	Office Supplies	1
Balloons	Toys	12	Pencils w/erasers	Office Supplies	10
Band-aids	Adhesives	20	Pipe cleaners	Office Supplies	20
Binder clips, assorted	Office Supplies	5	Plastic cups	Home Goods	10
Bouncy Balls	Toys	10	Plastic drop cloths 9X12	Home Goods	1
Cardboard tube	Craft Supplies	1	Plywood – 3/4" x 2' x 2'	Lumber	1
Clothesline	Home Goods	1	Popsicle sticks/Tongue		
Compressed air can	Craft Supplies	1	Depressors	Craft Supplies	75
Corner brace, packages, 2.5" x 2.5"	Construction	1	Pullies	Hardware	2
Corner braces, packages, 2"x2"	Lumber	4	Pushpins, box of	Office Supplies	1
Dowels	Construction	3	PVC elbows	Construction	4
Duct tape, roll	Adhesives	1	PVC pipes	Construction	4
Electronic Scale	Measurement	1	PVC Ts	Construction	3
Ferring strips(1/2"x3"x3.5')	Lumber	4	Racquetballs	Toys	3
Funnels, varying sizes	Home Goods	3	Rat traps	Home Goods	1
Heavy cardstock	Craft Supplies	10	Rubber bands	Office Supplies	20
Hinge, 50mm	Construction	2	Rubber Cement	Adhesives	1
Lumber, 1/4" x 1.5"	Lumber	4	Scotch tape roll	Adhesives	1
Lumber, 2"x3"	Lumber	4	Screw Eyes #10, Packages	Construction	1
Magnetic clip	Home Goods	1	Screw hooks #10, Packages	Construction	1
Magnets	Craft Supplies	2	Screws, drywall, 2.5"	Construction	12
Marbles	Toys	1	Slinky	Toys	1
Matchbox car	Toys	1	Spatula	Home Goods	1
Mending plates 2", packages	Construction	1	Springs, variety pack	Craft Supplies	1
Modeling clay	Craft Supplies	1	Storage Bin	Storage	1
Mouse traps	Home Goods	2	Straws	Home Goods	1
Nails, 6d (2")	Construction	30	Tubing, aquarium	Home Goods	1
Nuts and Bolts 5/16" (1")	Construction	5	Twine	Home Goods	1
			Velcro, 1yd	Adhesives	1
			Water, bottles	Home Goods	2

Tools and Materials available the day of competition:

12" ruler	Measuring	1
C-clamps	Tools	2
Hacksaw	Tools	1
Hot glue gun and 5 glue sticks	Adhesives	1
Light claw hammer	Tools	1
Lined paper	Tools	1
Markers	Tools	1
Needle nose pliers	Tools	1
Pairs of work gloves	Tools	2
Power drill, bits and screw heads	Tools	1
Safety glasses	Tools	7
Sandpaper	Construction	1
Scissors	Tools	1
Tape measure, standard 10'	Measuring	1
Utility knife	Tools	1
Wire strippers/cutters	Tools	1
Woodsaw	Tools	1
Wrenches	Tools	1
Yardstick	Measuring	1