2014 QuarkNet Make-and-Take Supplies (for 30 sets)

OD=Office Depot; L=Lowes

Copy Make-and-Take Instructions

30 x CD – OD#288570- $20

Franklin’s Bells

* 60 drink cans (use from refreshments, use ring pulls as bell)
* 2ft x 8ft x 1” styrene foam – L#14539 - $12
* 30 x plastic non-bending straws (included in VWG make-and-take materials)
* 30’ x ½” vinyl pipe (included in PS make-and-take materials)
* sand paper – L#246162 - $4
* Kitchen roll, adhesive tape, 30ft string or thread (use existing supplies)

Vertical Wave Generator

* 60m frosted tape (12 rolls) – OD#597050 - $40
* 100 pennies - $1 (teachers provide)
* 1600 plastic straws, non-flexible, 2 different colors - $30
* 3000 paper clips (30 x 100 box) – OD#358070 - $30

Downhill Racer

* Masking tape (included in PS make-and-take materials)
* 30 x Markers (3 packs) – OD#128817 - $24
* 45 x 10ft x ¾” schedule 40 PVC pipe – L#23971 - $100
* 240 x ¾” PVC elbows (24 x 10 pack) – L#26055 - $105 (use elbows instead of T’s, cheaper)
* 30 x ¾”PVC crosses – L#24088 - $60

Homopolar Motor

* 36-pack AA batteries – L#289370 - $13
* 30 x 3/8” x 3/8” cylindrical Neodymium magnets – amazingmagnets.com - $40
* 3 x wire strippers – L#473136 - $18
* 3 x needle-nose pliers – L#36870 - $10
* 25ft 16 gauge roll stripped wire - $20
* 5lbs 1½” nails – L#56928 - $17

Pendulum Snake

* 57 x 10ft x ½” schedule 40 PVC pipe – L#23966 - $115
* 330 x ½” PVC elbows (33 x 10 pack) – L#25054 - $55
* 60 x ½” PVC crosses – L#24087 - $75
* 180 x ½” PVC endcaps (18 x 10 pack) – L#260594 - $45
* 300 x ½” hex nuts (12 x 25 count) – L#43647 - $50
* 800ft X 1/32” nylon - L#349284 - $9
* Pack 25 80gauge sewing needles – Amazon Chenille Kraft - $10
* 2 x 200ft painter’s tape – L#506879 - $10
* 10 x scissors – L#307985 - $30
* 19 x 4ft x 3/16” dowel stick – L#19376 - $10

Wilberforce Pendulum

* 3 dozen slinky springs – Magic springs #DM37 ustoy.com - $40
* 3 x 60pack mini binder clips – OD#560349 - $15
* 144pack small binder clips – OD#825182 - $10
* 18 x 10ft x ½” schedule 40 PVC pipe (included in PS make-and-take materials)
* 150 x ½” PVC elbows (included in PS make-and-take materials)
* 30 x ½” PVC T’s – L#23873 - $15
* 4 X 4ft x 3/16” dowel stick (included in PS make-and-take materials)

General

Drills, hacksaws, box-cutters, safety gloves, clamps or vices, stop watches, roll-up metal metric/imperial measures (use existing supplies).