

The Great Build-A-Buoy Challenge

Instructions & Supply List

Instructions:

Your challenge is to build a buoy that can hold as many golf balls as possible. You may use only the materials you have been given. No part of your buoy system can touch the sides or bottom of the test tank. The buoy that can hold the most golf balls wins.

Supplies in each box:



Diagonal Pliers
(1 per box)



Slip Joint Pliers
(1 per box)



1 1/2" PVC Pipes
(8 per box)



1/2" PVC Pipes
(12 per box)



1/2" 90° Elbows
(8 per box)



45° Connectors
(4 per box)



22° Connectors
(4 per box)

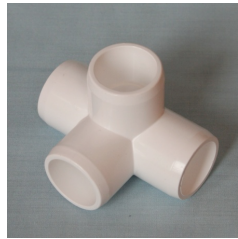


1 1/2" 90° Elbows
(8 per box)





3-way Connectors
(8 per box)



4-way Connectors
(2 per box)



5-way Connectors
(2 per box)



6-way Connector
(1 per box)



Zip Ties
(50 per box)



Frisbee
(1 per box)



Storage Boxes



Golf Balls
(Approximately 300)
We like to use mesh bags of used golf balls



Test Tank

