

NSTA Connection: Student instructions and materials list.

Instructions:

Your challenge is to build a buoy that can hold as many golf balls as possible. 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.

These are the materials that are in your container. After you complete the activity, please return all these materials to the container. If any are missing, please tell the instructor.



5-way connectors (n=2)



22° connectors (n=4)



1 1/2" 90° elbows (n=8)



1/2 " 90° elbows (n=8)



Frisbee (n=1)



6-way connector (n=1)



4-way connectors (n=2)



diagonal pliers (n=1)



3-way connectors (n=8)



slip joint pliers (n=1)



45° connectors (n=4)



½ inch pvc pipes (n=12)



1 ½" pvc pipes (n=8)