

# **Buoy Materials and Directions**

## **Materials Needed**

2in pvc pipe (2ft)

2in slip cap

2in coupler

2in X ½ in reducer

½ in pvc pipe (10in)

½ in slip cap

Drill

Blue (medium pvc pipe glue LO-VOC)

Silica Sand (2 ½ to 3 cups)

2 zip ties

2 laminated Green Pool Sign

Hole puncher

Stapler

## **Directions**

- 1) Take the 2ft of 2in pvc pipe and use glue to attach the 2in slip cap on one end and the 2in coupler. Take the 2in X ½ in reducer and use glue to attach it to the coupler. Let the glue set for 12 hours.



- 2) Take 10in of ½ in pvc pipe and drill two holes one at each end. Take the ½ in slip cap and place it on one of the ends of the ½ in pvc pipe.



- 3) The green pool sign will be attached to the  $\frac{1}{2}$  in pvc pipe so you will need to take the sign and make hole punch it the sign at the top and bottom. First take the two signs and place them back to back and staple them together leaving the top and bottom free since you will be placing on the pvc pipe. Then you will make two holes in the signs on at the bottom and top to correspond with the holes made on the pvc pipe. Once you have holes in the sign and place the pvc pipe through the sign and attach it using the zip ties.



- 4) Once glue is set fill the 2in pvc pipe with 2  $\frac{1}{2}$  or 3 cups of silica sand. Test it in a water source making sure it floats correctly.



- 5) Take  $\frac{1}{2}$  in pvc pipe and attach it to the 2in pvc pipe using the glue.



- 6) Place in water to test.

