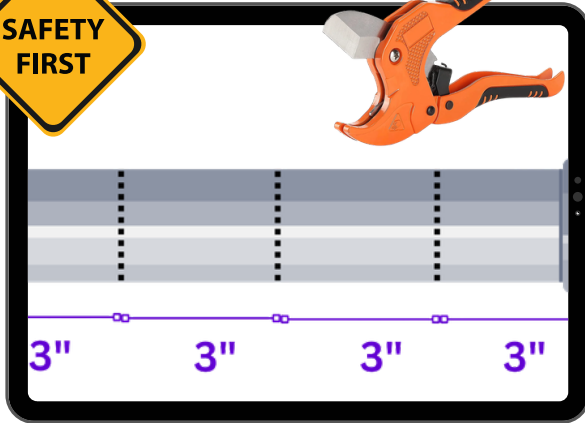




Step-By-Step



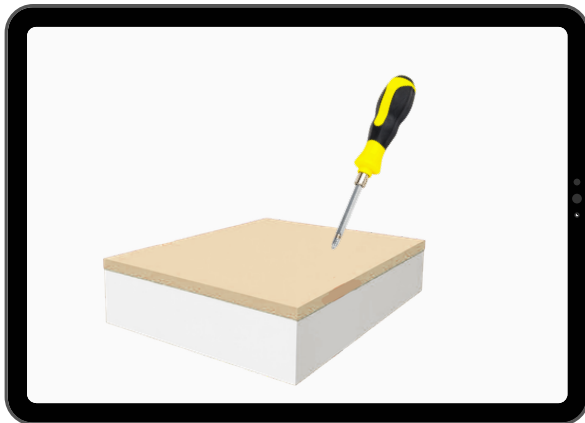
SAFETY
FIRST



1. Cut ONE of your pipes into four 3" pieces using PVC cutters



2. Use Pipes & Connectors to form this orientation. Keep Nice & Straight!



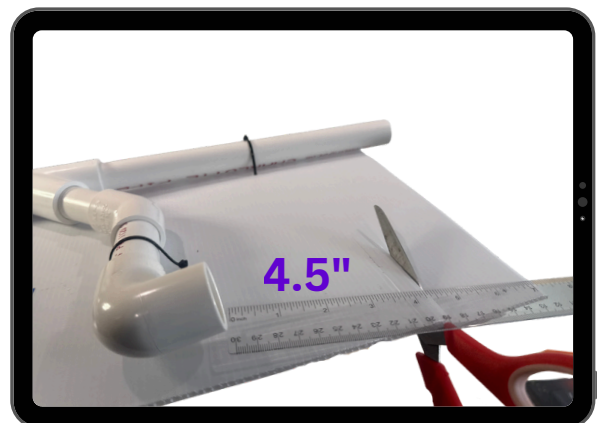
3. Poke Holes into the board around the pipe design



4. Use Zip Ties to "HUG" Pipes to backstop



5. Optional...decorate your setup!



6. Make a "slit" into the board 4.5 inches above this 90 degree elbow



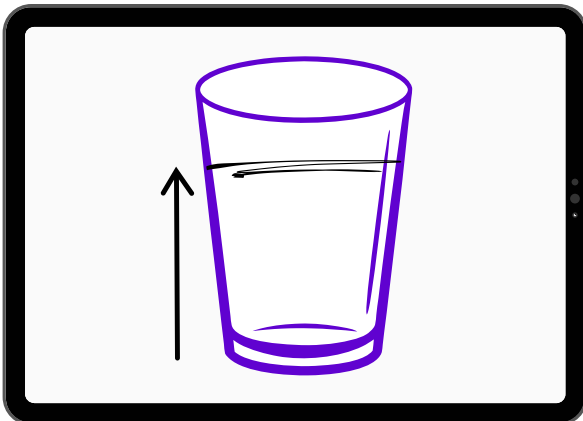
Step-By-Step



7. Place the top of your funnel into that slit, and the bottom into the pipeline. Tape if needed.



8. Use Pipes & Connectors to form this orientation. Keep Nice & Straight!



9. Mark your cup so you fill it up to the same spot every time.



10. Pour Water into funnel NICE & STEADY

The Process ✓

1. Set up trial / experiment
2. Fill your cup with Water
3. Place on top of bucket
4. Dump Water & Time the duration
5. Clean up, reset, & repeat

Follow the process shown here for the different trials!

Suggestion:

- Take turns and share equipment for the different experiments

Team Roles:

1. Water Pourer
2. Note Taker
3. Backstop Holder