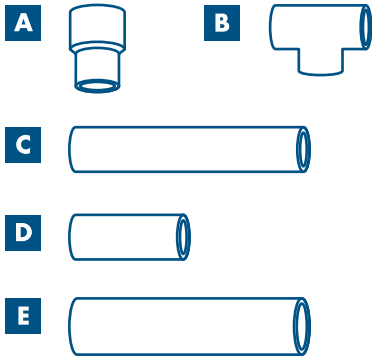


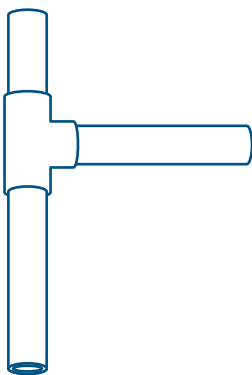
Yawing Add-on



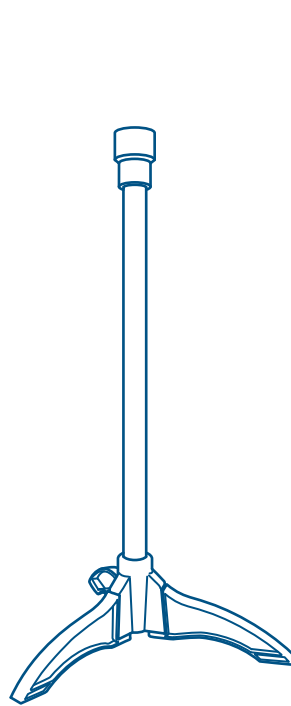
MATERIALS

- A. 1 Reducing coupler
- B. 1 Tee fitting
- C. 2 PVC, 6", 1" diameter
- D. 1 PVC, 3", 1" diameter
- E. 1 PVC, 6", 1 1/4" diameter

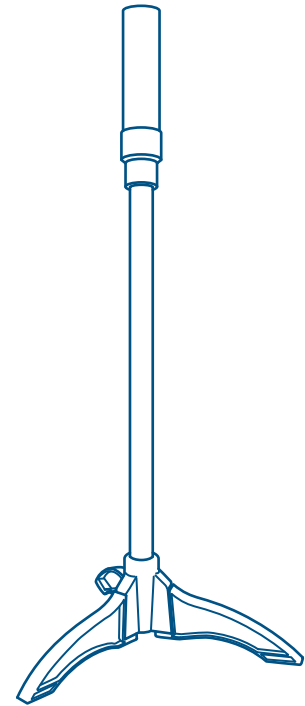
This turbine add-on allows you to adapt your wind turbine so it will yaw into the wind. Students can design different types of blades to capture the wind, as well as designing and testing different types of vanes to see which one tracks the wind the best.



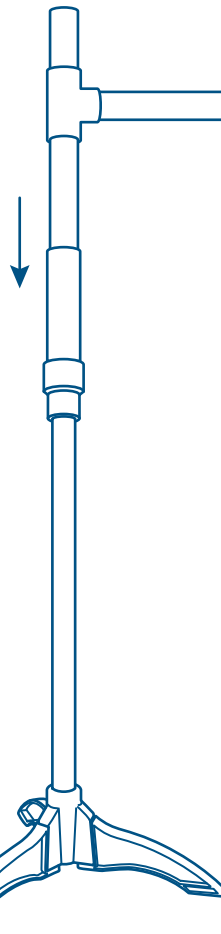
3. Attach the 3" PVC and the two smaller 6" PVC pieces to the Tee fitting as shown.



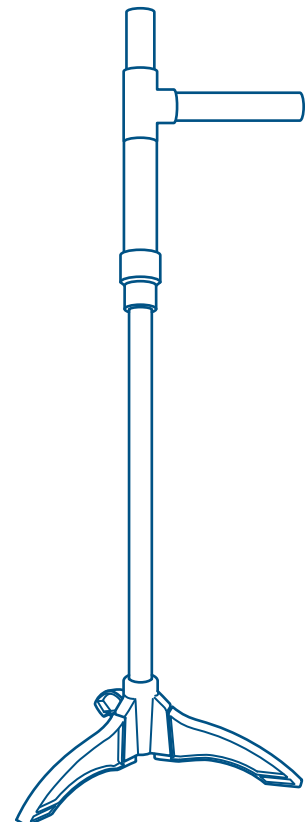
1. Fit the reducing coupler onto the tower.



2. Insert the largest of the 6" PVC pieces into the reducing coupler.



3. Fit the Tee assembly into the base assembly.



4. You're done!



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