#### **IOTWX PVC NODE ASSEMBLY**



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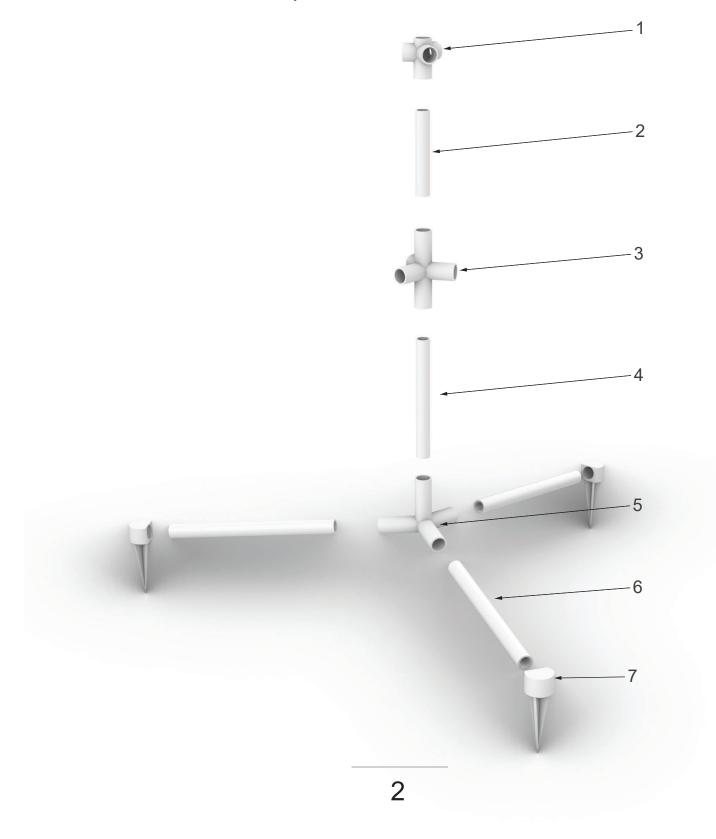
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### EXPLODED COMPONENTS

The PVC Node joins the ATMOS, HYDRO and AERO Nodes together in one complete Modular Weather Station system. This framework of 3D Printed and PVC parts allows for additional nodes and power modules to be attached in a customizable system.



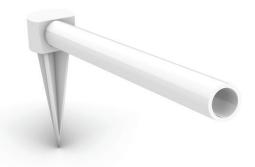
#### COMPONENTS LIST

No.	Component Name	Quality
1	3D Printed PVC Tri-Splitter	1
2	Top Shaft 1" PVC	1
3	3D Printed PVC Mid Splitter	1
4	Bottom Shaft 1" PVC	1
5	3D Printed PVC Base Splitter	1
6	Base Legs 1" PVC	3
7	3D Printed PVC Stake	3

## ASSEMBLY STEP 1

Cut a 16" long piece of 1" PVC. Apply a layer of PVC glue to the slot in the PVC Stake. Insert the PVC pipe into the Stake.





## STEP 2

Repeat step 1 to complete 3 base Legs.



### **ASSEMBLY**

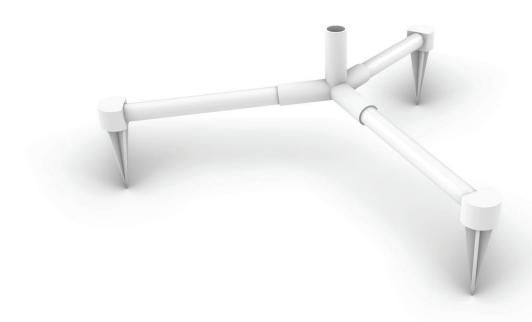
STEP 3

Insert the Base Leg into the Base Splitter.



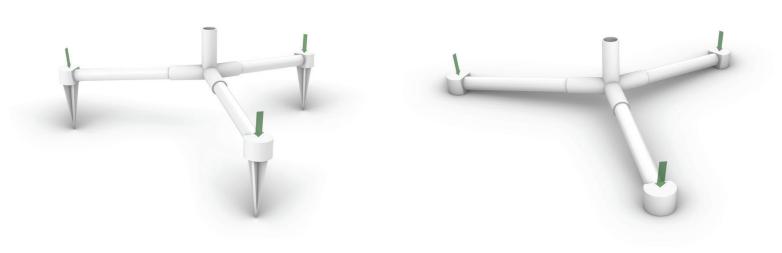
# ASSEMBLY STEP 4

Repeat Step 3 to complete the base.



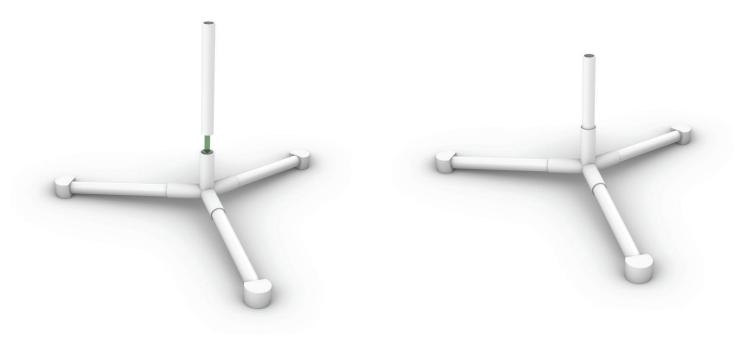
## ASSEMBLY STEP 5

Push the stakes into the ground evenly a little at a time to secure the base and ensure a flat positioning.



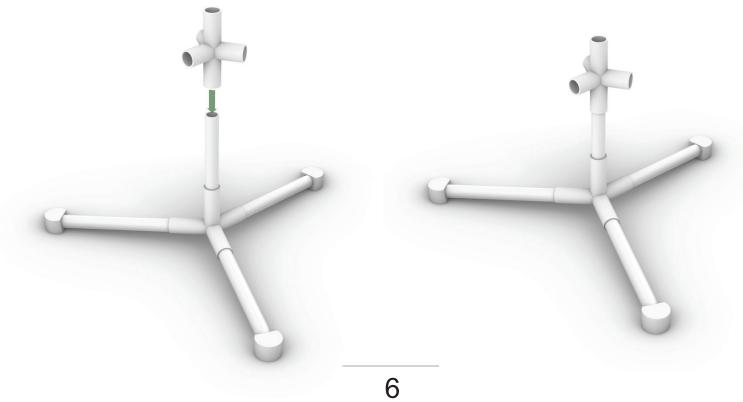
### **ASSEMBLY** STEP 6

Cut a 12" piece of 1" PVC and insert it into the base.



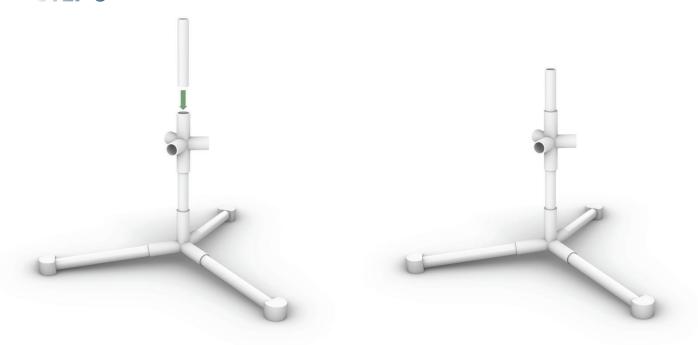
### **ASSEMBLY STEP 7**

Insert the Mid Splitter into the 1" PVC.



## ASSEMBLY STEP 8

Cut another 12" piece of 1" PVC and insert it into the Mid Splitter.



## ASSEMBLY STEP 9

Insert the Tri-Splitter into the top PVC pipe. Assembly is complete. Insert your nodes, EN-caps and Power modules into the splitters. Running wires through the PVC pipe.



