

# Build a Homemade Sprinkler



## Supplies:

- » (5) - 5 ft sections of 1/2 inch PVC
- » (3) - 1/2 inch PVC pipe caps
- » (2) - 1/2 inch PVC elbows
- » (2) - 1/2 inch PVC Tees
- » (1) - 1/2 inch Male Adaptor
- » (1) Threaded Female Hose Connection (I had to use Brass, didn't have this in PVC)
- » PVC Solvent (This is the glue for the joints.)
- » Hack Saw
- » Power Drill
- » 3/16" Drill bit (could be slightly larger or smaller, per your preference)

Don't be overwhelmed by the supply list; this outdoor adventure is completely do-able. And it's one that you can keep enjoying all summer long once it's put together.

1. Cut two of your 5 foot PVC pipes in half, leaving you with four 30-inch pipes.
2. Dry assemble the pieces to make sure everything fits.
3. Pull one joint apart at a time, apply solvent to the end of the pipe and the inside of the joint, and press into slip fitting. *(Make sure you push it all the way in; you have just a few seconds with PVC cement.)*
4. Once assembled and cemented together, drill holes along top and sides as desired. *(I would start with 3 along the bottom side of the top pipe, and 3 on each vertical pipe. See tips below.)*
5. Allow cement to dry for 15 to 30 minutes.
6. Hook up the hose and get wet!

## Helpful Tips / Resources:

- » *If you want to be able to store your new "car wash" do not cement the vertical pipes into the Tee-joints. Then you can take the feet off or turn them sideways to store flat against your garage wall.*
- » *Depending on your water pressure, if you drill too many holes for the sprinkler, there will not be enough water pressure to spray far enough to do the trick.*
- » *Smaller drill bits like 1/16" will help also if you have low water pressure.*



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# *kid* VENTURES

## *Homemade Sprinkler Diagram*

{ From KidVenture #07 }

### *Supplies*

1/2" PVC Elbow



(Home Depot, Lowes)

1/2" PVC Tee



(Lowes, Home Depot)

1/2" PVC Male Adaptor



(Lowes, Home Depot)

1/2" PVC Cap



(Lowes, Home Depot)

PVC Cement / Solvent



(Home Depot, Lowes)

PVC Cement / Solvent



(Home Depot, Lowes)

1/2" Double Female  
Hose Connector



(Lowes, Home Depot)

### *Diagrams*

