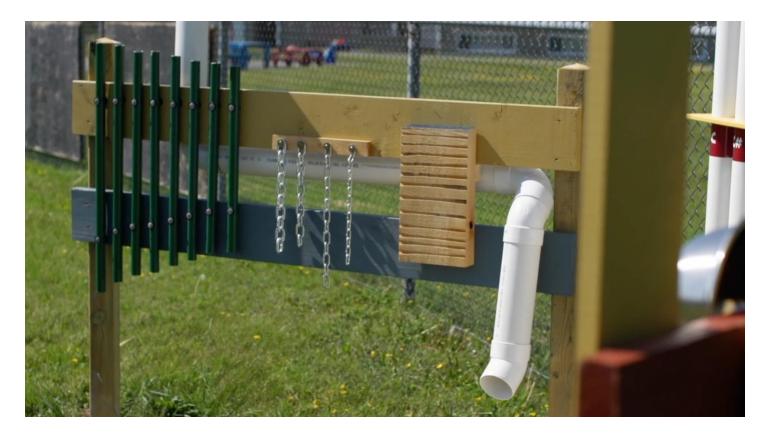
SOUND GARDEN EPISODE 209.1 'KIDS, KIDS, KIDS'



MATERIALS NEEDED

MAIN STRUCTURE

12 feet of 8" Sonotube 3 cubic feet of concrete to hold posts in the ground 3 ½" lag bolts 3" coated screws 32 feet of 2x4 standard 30 feet of pressure treated 4x4 2 Base 44 anchor plates 5/16" x 2 ½" sleeve anchors Clear anti-rust spray paint for coating all metal

DRUM KIT

1 box of rubber washers 4 metal buckets of various sizes for drums Paint cans for drums Metal mixing bowls for drums

CHAIN CHIME

Twelve 1' lengths of 4-gauge chain 12 feet of 1x2 pine as backing for chime 12 galvanized washers 2" stainless steel screws

STEEL PIPE XYLOPHONE

10-foot lengths of galvanized pipe Bolts Locking nuts Rubber washers

SCREAMING TUBE

10 feet of 4" PVC pipe 6 PVC elbows PVC cement Galvanized strap roll Screws

WOODEN WASHBOARD

4 feet of 2x6 maple

WOODEN RULER

4 feet of 1x6 clear pine Small can of black paint to paint numbers and lines Polyurethane

<u>SOUND GARDEN</u> EYES FOR THE JOB- EPISODE 209.1 'KIDS, KIDS, KIDS'



STEP BY STEP BUILD PLAN

- 1. Site prep and posts
 - a. Use a post hole digger to dig 4 holes about 4 feet deep
 - b. If you encounter rock and slate, use an iron prybar to work through
- 2. Build panels
 - a. Cut 2x4's and 2x8's to length
 - b. Paint each board (optional) and allow them to dry
 - c. Fasten the panels to 2x4's
- 3. Rust proof all metal materials
- 4. Build 'drum kit'
 - a. Cut holes with jig saws for buckets that are to be flush mounted
 - b. Attach the remaining instruments to one of the panels with screws and rubber gaskets
- 5. Chain chime
 - a. Mount 1x2 pine to a panel
 - b. Screw chains to front, spaced at about 1"
- 6. Steel Pipe Xylophone
 - a. Measure and cut your pipe using a steel grinder
 - b. Drill holes for bolts
 - c. Attach to a panel with rubber washers, bolts, and locking nuts
- 7. Screaming Tube
 - a. Cut PVC pipe at various lengths to wrap around a panel
 - b. Glue ends and attach elbows

- c. Use brackets to attach the tube to a panel
- 8. Wooden Washboard
 - a. Cross cut lines across the length of 2x6 maple with a router
- 9. Schoolhouse Ruler
 - a. Rip a 2-inch piece of 1x6 clear pine
 - b. Paint lines and numbers to look like a ruler
 - c. Coat with polyurethane
- 10. Install all panels to the structure