

LOG TEETER TOTTER
EYES FOR THE JOB- EPISODE 306.1
‘WHAT GOES UP...’



MATERIALS NEEDED

One 10" x 12' whole log
One 8"x4' Log halved
One 8"x3' Log halved
One 8"x32" Log halved
Two 8"x10.25" whole logs
Two 5"x21" whole logs
Two 2"x15" whole logs
Box of 25 6" Lag screws
Sixteen 1/2" washers
Sixteen 1/2" nuts
One 24.25" 3/4" threaded rod
Two nuts to match threaded rod
Six Washers to match threaded rod
1-3" screws

TOOLS NEEDED

4 inch hole saw
Chisels
Hammer
Sledgehammer
Drill & bits
Glue
Wrench
Axle grease
Angle Grinder



STEP BY STEP BUILD PLAN

1. Have a saw mill cut 7 log pieces to measure and halves where required.
2. Drill & countersink holes for 8, 6" lag screws into two 32" vertical base half logs at each end, down 2" from each end & each 2" off centre, & one hole for threaded rod, centred 21" from base.
3. Join two 32" vertical pieces with two, 10.25" whole logs at either ends of the long lengths with eight, 6" lag screws.
4. Drill & countersink holes for four, 6" bolts into two, 4' long base cross pieces. Position from the 2' centre, 4" from the edge with each drill hole 2.5" from the centre.

5. To the assembled vertical section, bolt the two 4' base cross half pieces, centred to the bottom 10" round. Four 6" lag screws.
6. Drill & counter sink holes for eight 6" lag screws into two, 3' vertical base footing half logs. From the centre of each footing, 6" from each side of centre with the screw holes 2" top & bottom of centre line.
7. Attach the two, 3' base footings to the exposed ends, 2&2, off the base cross pieces with two 6" lag screws each, with 8 lag screws total.
8. To the 12' teeter totter log, have the mill cut out the seats. Cut 3" into the log end, in 16". Repeat at other end.
9. Drill & counter sink 1" hole 5" off the centre of log, horizontal to the chiseled seats for the beam's thread rod.
10. Bore 4" wide, 5" deep holes into the log, 2" in front of the lip of the chiseled seat, centred.
11. Position teeter totter log into vertical base. Place one to two washers on each side of the log inside the vertical base. Slide threaded rod through each of the vertical half logs and the Teeter totter log. Secure at both ends with one washer and nut each.
12. Drill a 1 1/2" hole through each of the two, 4" handle bases, 3" from top end, centred.
13. Insert each of the handle bases into each of the two bored holes, securing with wood glue.
14. Slide each of the 5" handles through the 2" holes until evenly spaced with 5" of handle exposed on each side.
15. Secure each of the handles with a 3" screw positioned on the backside of the handle base through to the handles.