



**THE TRICKS & SECRETS OF BUILDING
YOUR OWN TRAIN SETS**



Making Trees Pine Trees & Winter Pine Trees



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You will be building Pine trees with fine detailing. The trees you will be making are 3in, 5in & 7in in height. The trees can be used for model railroading, war games, and many more things. To view more products & get more information please visit our web site.

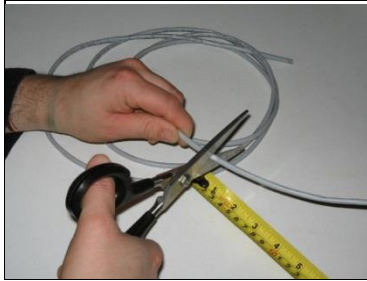
Tools

**Cordless Drill
Small Vice
Wire Cutters
3 Large Zip Lock Bags
X-ACTO Knife
Tape measure
Scissors**

Materials

**Woodland Scenics Fine Turf Weed #T1346
Woodland Scenics Fine Turf Burnt Grass #T1344
Woodland Scenics Snow Soft Flake #SN140
¾ Masking tape
Telephone or Networking cable soled wire
Spool of gardening twine
Brown or Dark Green spray paint
3M Super 77 Spray Adhesive
Hair Spray**





1. We began by cutting the cable in to strips depending on the size of trees you want.

3"-3 ½" trees you cut 4 ¼" strips
5"-5 ½" trees you cut 6 ½" strips
7"-7 ½" trees you cut 9" strips.



2. Cut a slit through the cable and expose the wires inside. Remove the wire out of the cable and put it aside. You may note that there may be sets twisted in the cable Do not untwist them. If they are not twisted around each other take 2 strips of wire and twists them together.



3. Then cut a strip of masking tape the same length as your wire you have cut. Cut the tape length wise so you have two strips of tape.



4. Then take two strips of masking tape and two strips of twisted wires. Place one strip of twisted wire on the masking tape and repeat with the second pair.



5. Then cut pieces of gardening twine to the length of branches you would like between 1 ½"-3" in length is recommended depending on the size of trees you make



6. Then unravel the gardening twine by giving it a little twist. Then take the untwisted twine and place it on one strip of wire and tape.



7. Then place the second piece of wire and tape and sandwich it between the untwisted twine on to the piece of wire and tape. Then press down firmly so the tape sticks to one another and make sure the wire is in the middle.



8. Then trim the ends of excess tape on each side of the tree. Then on one end of the tree cut a V shape from the wires out to the end of the tape. This end will be the top of your tree. The other end of the tree you cut along each side of the tape up $\frac{1}{4}$ " or a slight more depending on the size of your tree. This end will be the bottom of the tree.



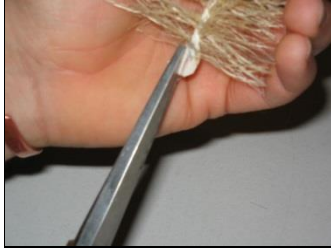
9. Next we shape the tree. We shape by trimming the tree with scissors, cutting from the top to bottom of both sides of the tree. You cut narrow at the top and as you go down you go wider.



10. Then you take the shaped tree and we clamp it in a vice at the bottom end.



11. Next we take our cordless drill and clamp the top end of the tree in the chuck. Then you put a slight tension on the tree and start twisting the tree slowly until the tree is twisted tightly together and then a tree shape will appear.



12. Next you take the tree and trim off the excess tape and hand twist the bottom of the tree so there is no loose tape. Also trim the any loose branches.



13. Now the tree should look like this.



14. Next you use brown or dark green spray paint and spray paint the tree as a base coat.



15. Next you use 3M Super 77 Spray Adhesive and spray a generous coat of spray adhesive all over the tree.



16. Next you put Woodland Scenics Fine Turf Weed #T1346 in a zip lock bag. Then put the adhesive covered tree in the zip lock bag and close the bag and shake well until the tree is covered.



17. Next you spray again a very thin coat of 3M super 77 Adhesive.



18. Next you put Woodland Scenics Fine Turf Burnt Grass #T1344 in a zip lock bag. Then put the adhesive covered tree in the zip lock bag for a second time and close the bag and shake well until the tree is covered.



Spray a coat of hair spray on the tree to hold the finish.

Now you have completed you first Pine Tree.

Continue for the Winter Pine Tree



19. Next you spray again a very thin coat of 3M super 77 Adhesive.



20. Next you put Woodland Scenics Snow Soft Flake #SN140 in a zip lock bag. Then put the adhesive covered tree in the zip lock bag for a third time and close the bag and shake well until the tree is covered.



Spray a coat of hair spray on the tree to hold the finish.

Now you have completed your first Winter Pine Tree.



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