

TRIPLE CANDLESTICK WOODCRAFT

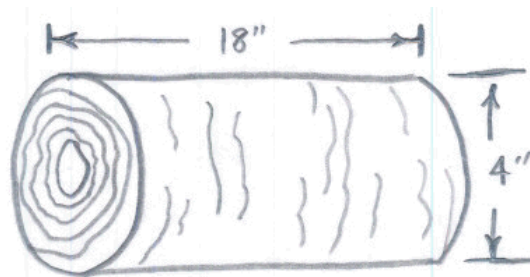
The names “hardwood” and “softwood” can be misleading. Hardwood trees are broad leaf trees such as the mighty oak, elm, ash etc. Softwood trees are recognized by their needle leaves such as the pine or spruce. The wood used by half the world’s population (2.5 billion people) is used for cooking, heating, and even light. The rest of the world’s timber is used in industry for building and papermaking. Both “hard and soft” woods are used to make paper, but most paper is made from soft wood.

True or False statements:

- **TRUE** Hardwood trees grow broad leaves
- **TRUE** Softwood trees grow in needle leaves
- **FALSE** Most paper is made from hard wood
- **TRUE** Paper is made from both types of wood

Stop and look around, can you pick out shapes, sizes and colors of wood? In the forest of woods around you, you may find it difficult at first to recognize the type of wood you will need to use for construction of today’s project. Did you know that you can make many woodworking projects from the logs and sticks you recognize today?

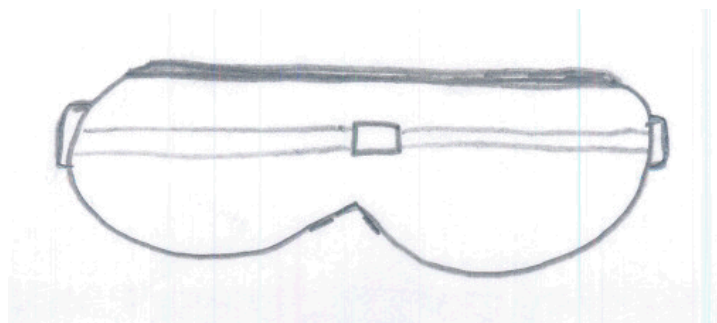
To start your triple candlestick project, you will now begin to look for a 4-inch wide by 18-inch long “hard” or “soft” wood log:



After you have found the log you will need the following tools to begin your project.

- pair of goggles/glasses**
- 1 crosscut saw**
- 1 brace**
- 3/4” auger bit**
- pocket knife**
- marker**
- 3 candles**

***Before you begin, you must place the pair of goggles/glasses on your eyes for protection.**

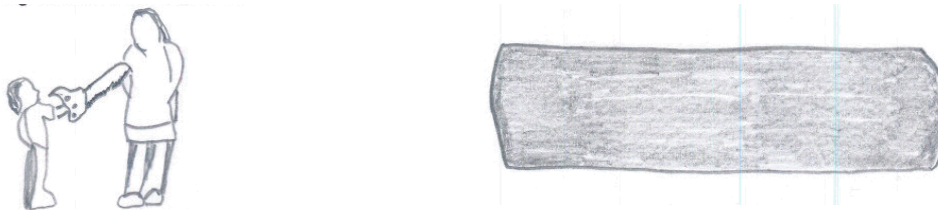


Explorers Emblem Helps

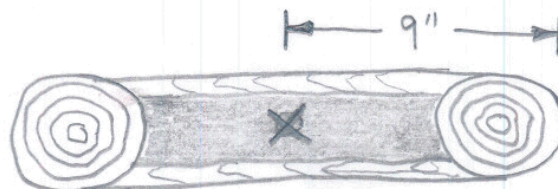
After you have placed on your eye protection you will need your pocket knife to whittle the bottom of the log flat. (When whittling, always be sure to whittle away from your body or the person next to you).



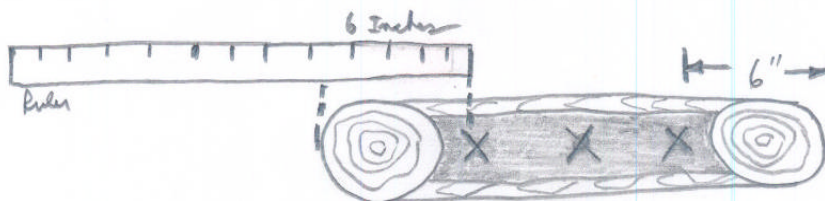
Next, you will need to pick a partner and receive a crosscut saw from the instructor to help cut off the log ends in a slant as shown in the picture below:



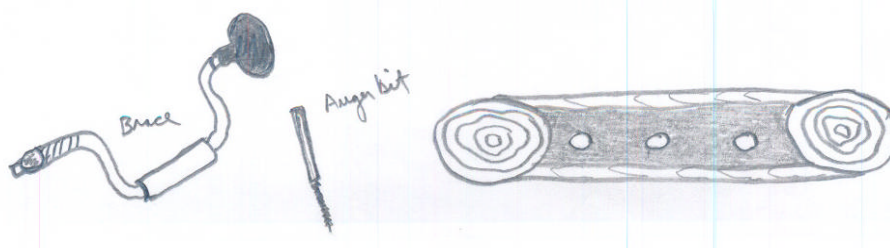
Remember to use a ruler or tape measure. From the log ends, find the middle (9-inches) hole:



Upon marking the middle hole measurement, it is very important that you re-measure each end of the log, placing your final two holes (6-inches) from each end:

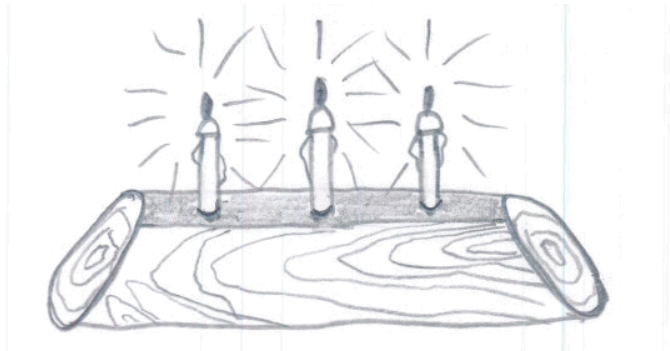


Once you've reached this point, let your instructor know that you are ready to use the brace and $\frac{3}{4}$ " auger bit to drill (3) three holes one-inch deep.



Explorers Emblem Helps

You will now need to place your candles into each hole making sure they will not fall over. If the holes are too tight, you will need to use the brace again to re-drill. If the holes are too big, see your instructor for assistance filling in the holes with wood shavings. Your end-project is now complete.



DEVOTIONAL

“For we are God's workmanship, created in Christ Jesus to do good works, which God prepared in advance for us to do.”

Ephesians 2:10 (NIV)

How important is it to follow the directions given to you when you work on a plastic model, train set, hot wheels racetrack, or even the woodcraft you made today? Without them, you might have put the wrong piece, part, or even drill the wrong hole. Sometimes we all make mistakes which cause our project to look funny or incomplete. If we never finish what we started, how useful would it be?

When we try to live our life with doing things our own way instead of listening to our parents, teachers, and adults, those things we are doing become useless and do not turn out right.

It's just like our project today. If we didn't listen to directions from the instructor, the log would not have turned out correctly. The same is true with our lives. Jesus Christ has given each one of us perfect directions for our life. If we would follow them, it would be as easy as following the directions for our woodcraft project.

We need to do what God wants us to do and live according to His instructions. Let your light so shine as the direction of your candlesticks for all to see.

RESOURCES

Books

Whyman, Kathryn, Resources Today Wood, Aladdin Books Ltd 1987

Lubkemann, Chris, Whittling Twigs & Branches, Fox Chapel Publishing 2002

Rowe, Eleanor, Practical Woodcarving Elementary and Advanced, Dover Publications, Inc. 1930

Herda, D. J. & Herda, Judy Bock, Carpentry for Kids, Simon & Schuster, 1980

Leavitt, Jerome E., Easy Carpentry Projects for Children, Dover Publications, Inc. 1959

Orchard, David, The Techniques of Wood Sculpture, North Light 1984

Brown, William F., Wood Works Experiments with Common Wood and Tools, Macmillan Publishing Company, 1984

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