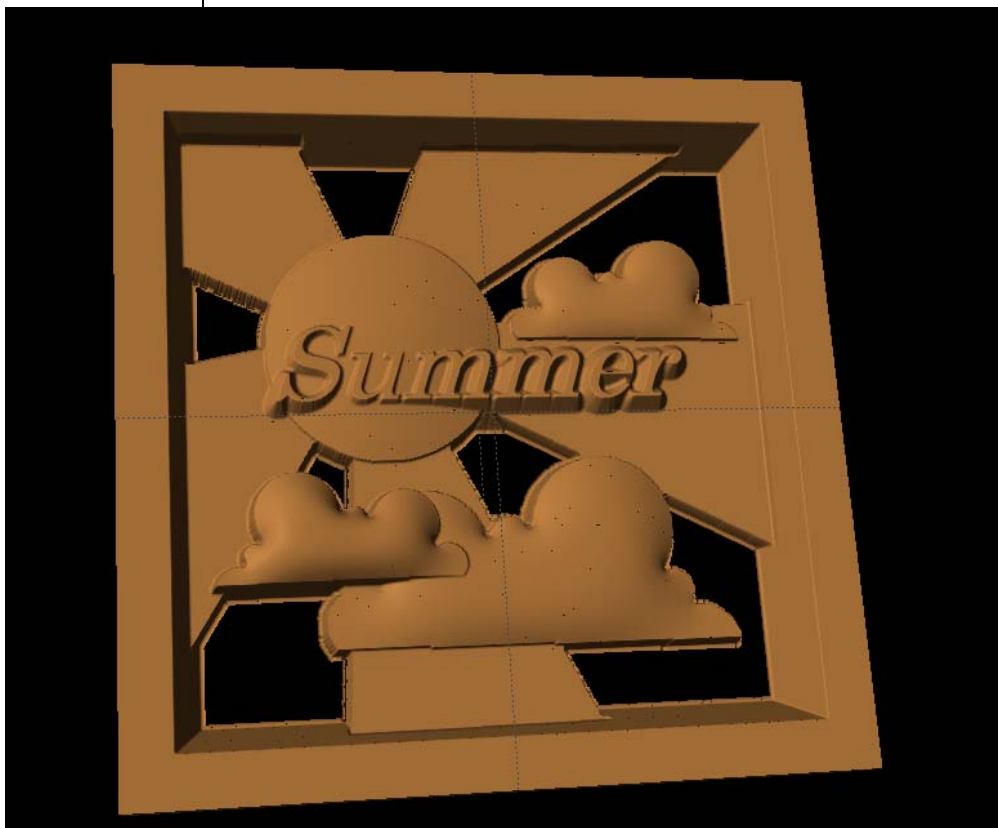


This project covers the following design concepts:

- ✓ STARTING SOFTWARE
- ✓ MENUS, TOOLBARS, SHORTCUT KEYS OR MOUSE BUTTONS
- ✓ MANIPULATING THE WORKPIECE
- ✓ SNAP TO GRID
- ✓ DRAWING TOOLS
- ✓ CARVE REGION
- ✓ FEATHERING
- ✓ PATTERN PLACEMENT
- ✓ ROTATE ELEMENT
- ✓ COPY & PASTE
- ✓ ADJUSTING HEIGHT
- ✓ TEXT TOOL
- ✓ FINE TUNING
- ✓ ADJUSTING DEPTH
- ✓ TEXTURE
- ✓ BOARD SETTINGS
- ✓ MANAGING DATA
- ✓ UPLOADING TO MEMORY CARD
- ✓ SELECT QUALITY SETTING
- ✓ NAME PROJECT



INSTRUCTIONS:

✓ STARTING THE SOFTWARE

Open the CarveWright Project Designer Software

The Welcome screen appears with project options.



Select "New Project"

Set your project board dimensions.

Length: 7"

Width: 7"

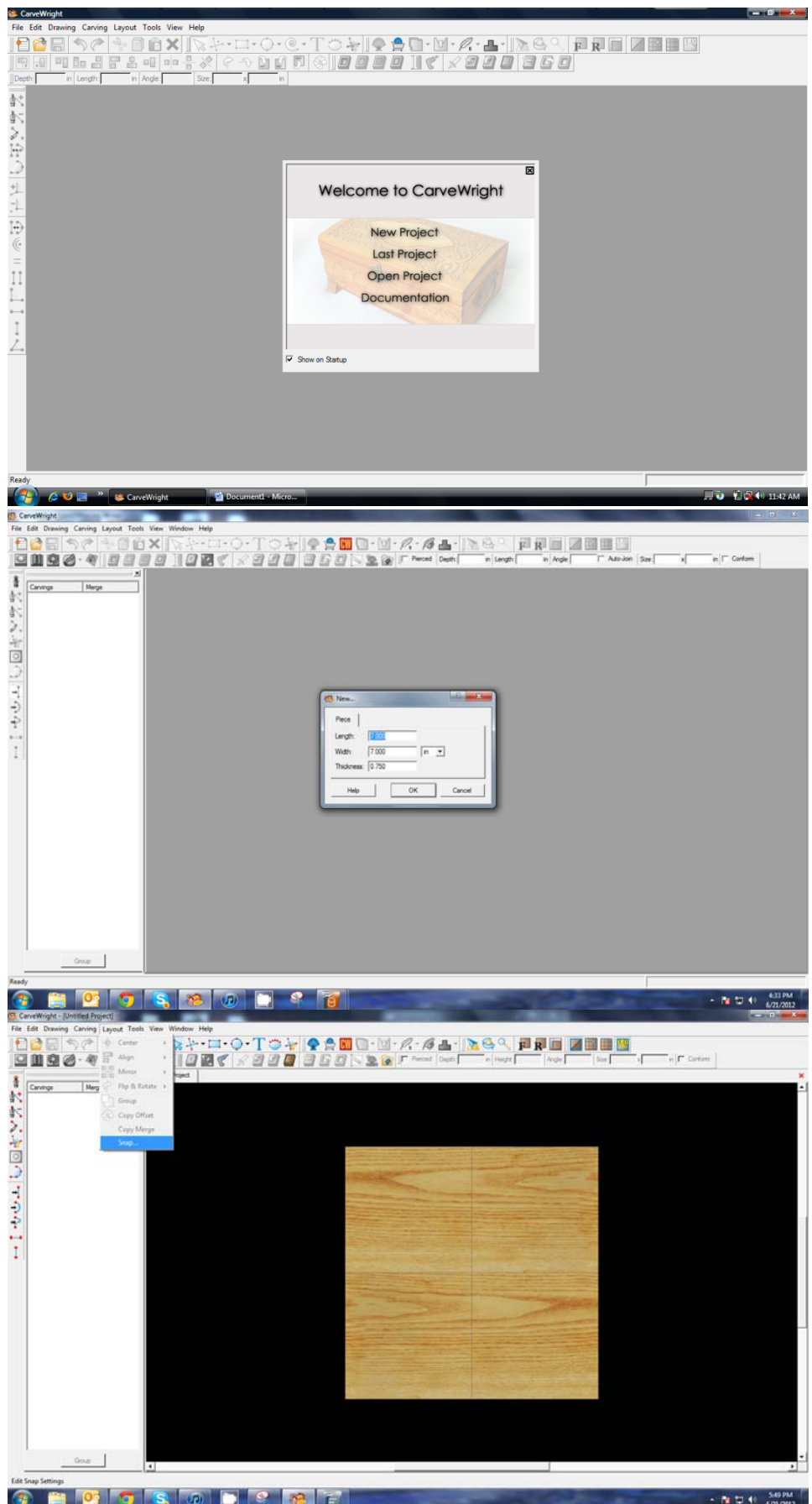
Thickness: .75"

Click OK

The project board size is not necessarily the actual size of the board being put into machine.

✓ SNAP TO GRID

Under LAYOUT menu, select SNAP.

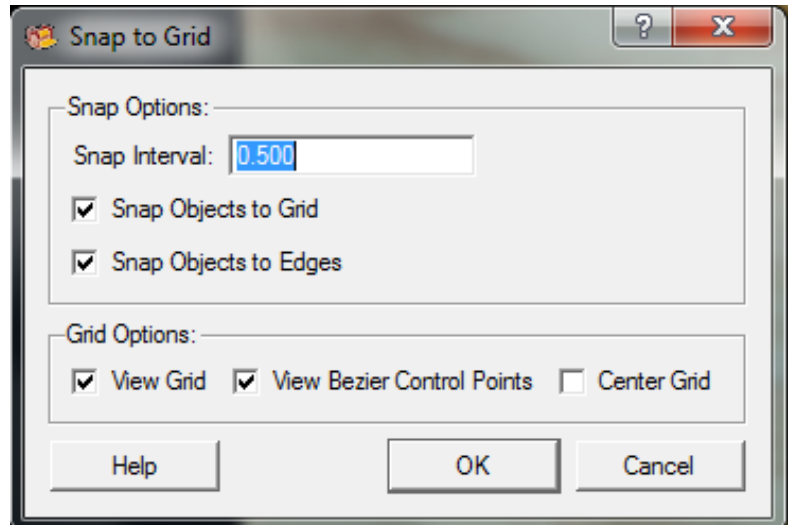


Snap Interval should be .5 inch interval by default.

Check boxes:

- Snap to grid
- Snap to edges
- View grid
- View Bezier Control Points (should already be selected as default)

Click ok

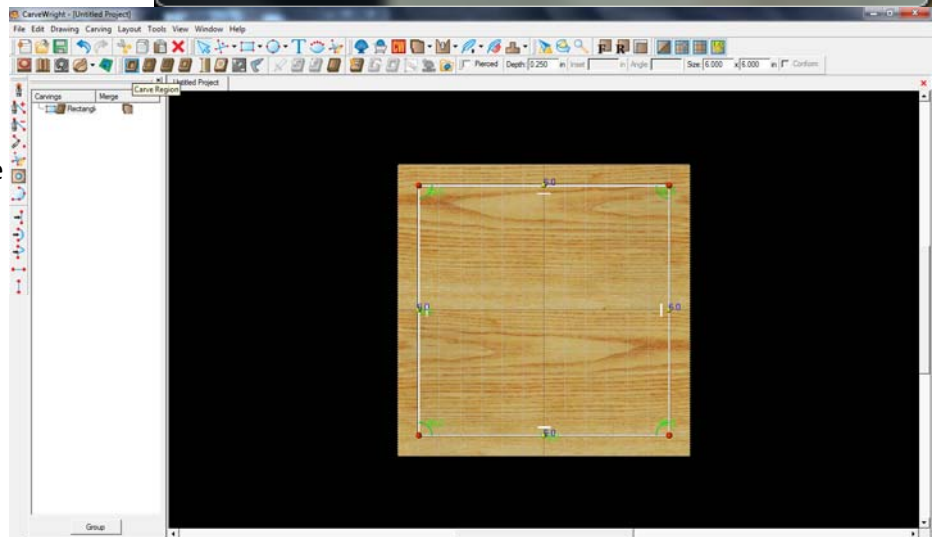


✓ DRAWING TOOLS

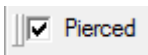


Using the grid, draw a box or rectangle .5" inside the project board, which should give you a box that is 6" x 6".

Select the "Pattern Tool" icon to open the pattern library along the right side.

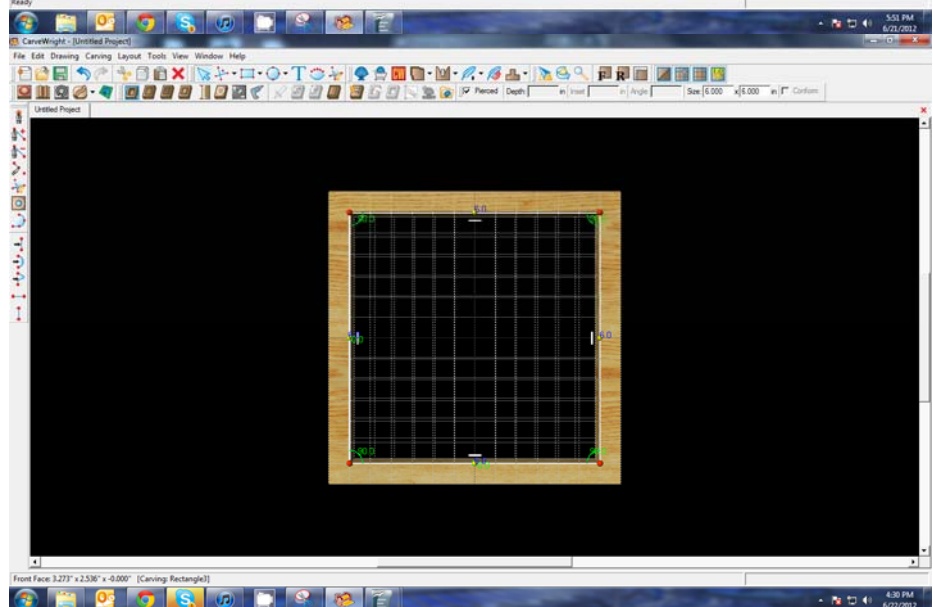


✓ PIERCED CARVE



Check the "Pierced" box on the toolbar.

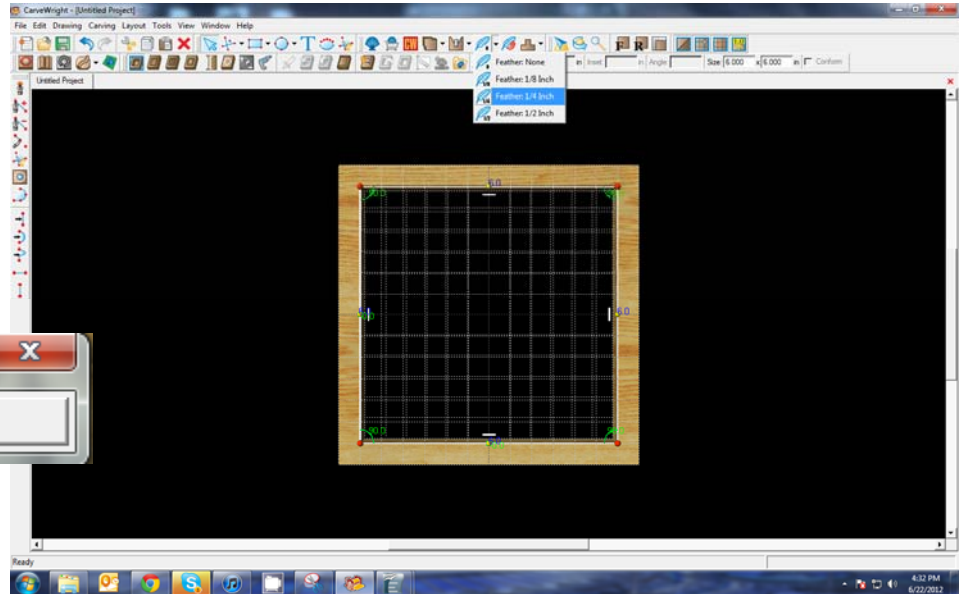
If you cannot find a certain icon on your tool bar, click on View > Toolbars to make sure they are all selected.



✓ FEATHERING

Select the drop-down Feather menu and select ¼" feather.

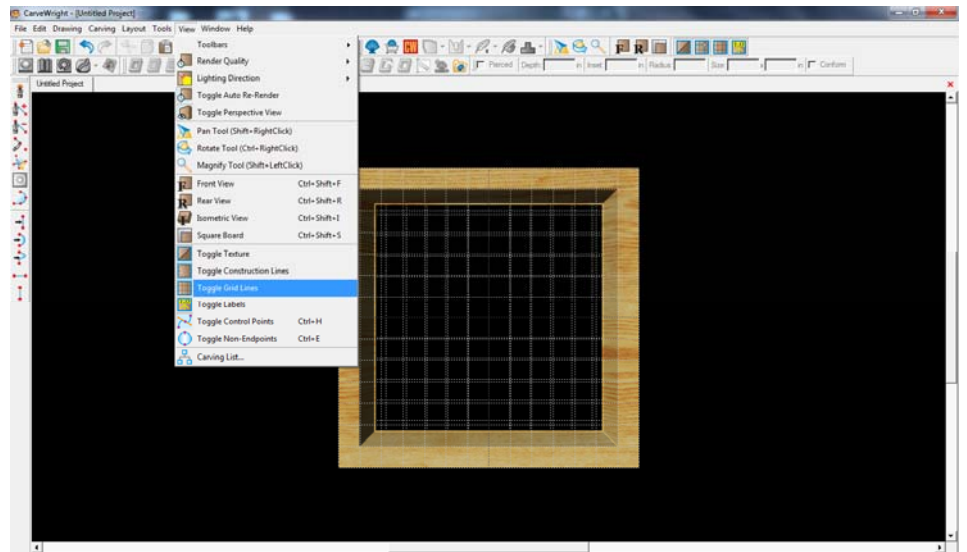
Select "Accept"



✓ SNAP TO GRID



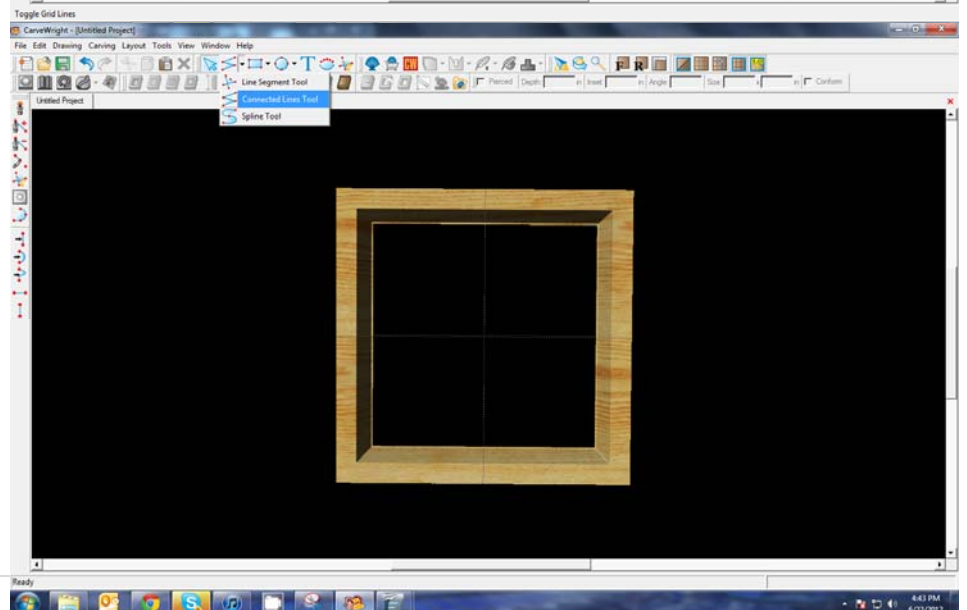
Click "Toggle Snap to Grid" & "Toggle Gridline" icons to turn OFF.



✓ DRAWING TOOLS



Select the "Connected Lines" tool.



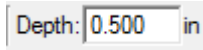
Draw the Sun Rays by clicking in one area to create the first point, move to the next point and click once, so on until you come back to the first point. To make a closed region hover over the first point until you see the "star burst" and click.



Click Carve Region



Set depth to .5"



Center Both



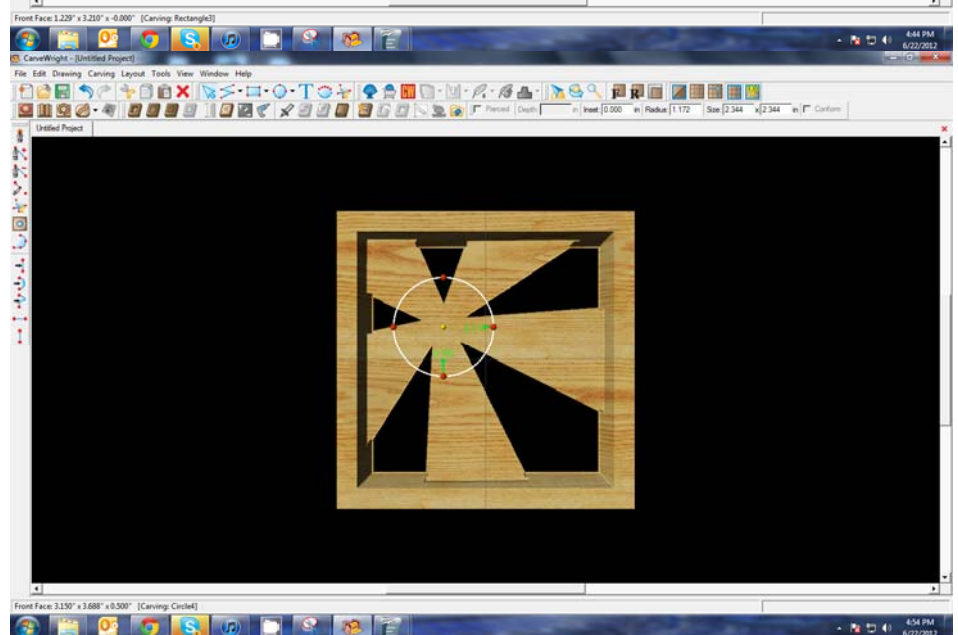
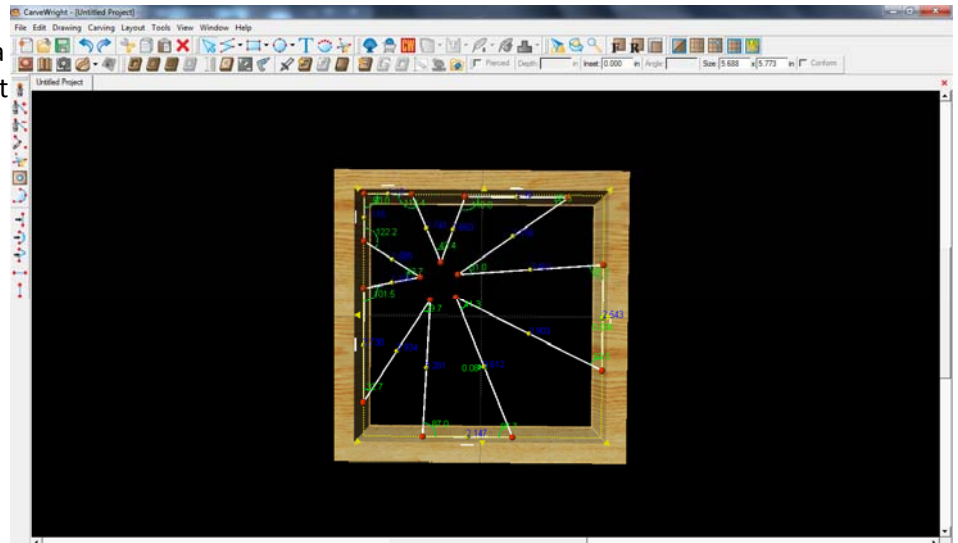
Adjust size so that the rays slightly overlap the sides.



✓ DRAWING TOOL

Draw a circle at the

intersecting



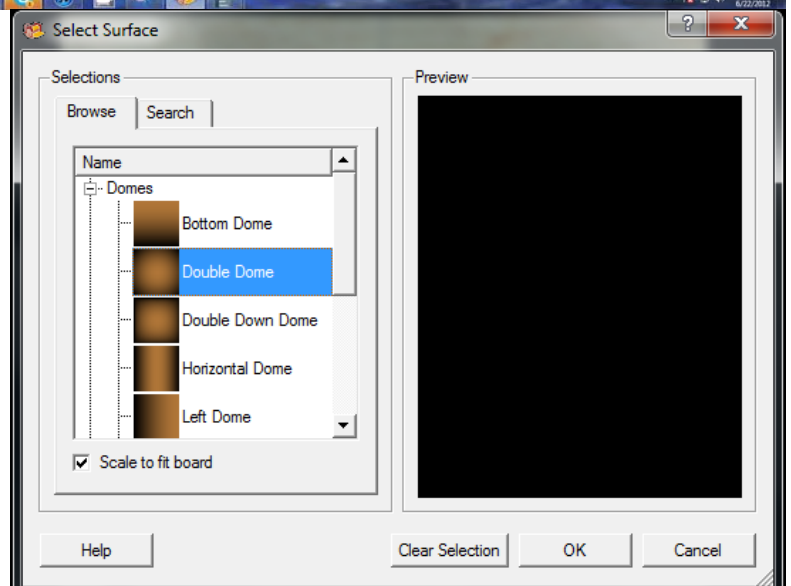
✓ SURFACE

Select "Surface" Icon



Select "Double Dome"

The darker area is the deepest.



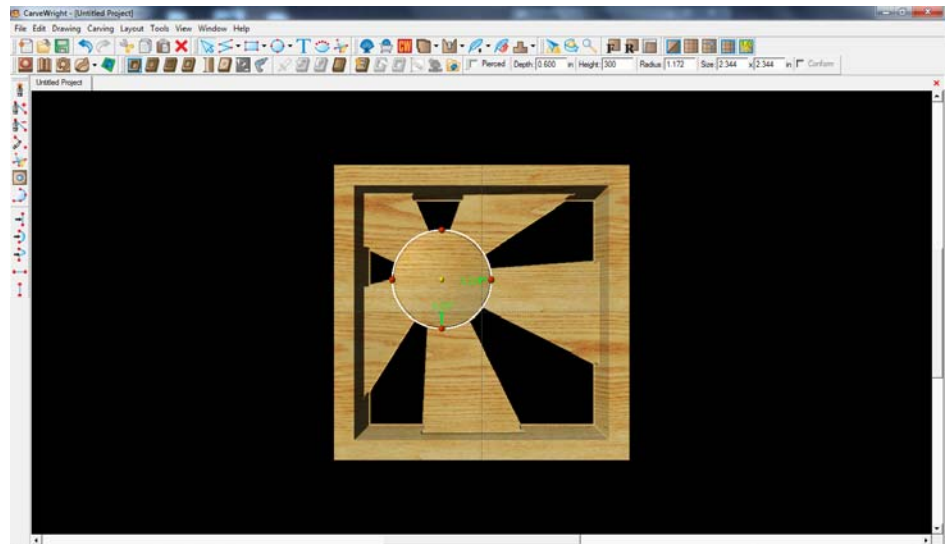
✓ FINE TUNING

Set Depth to .06"

Depth: 0.600 in

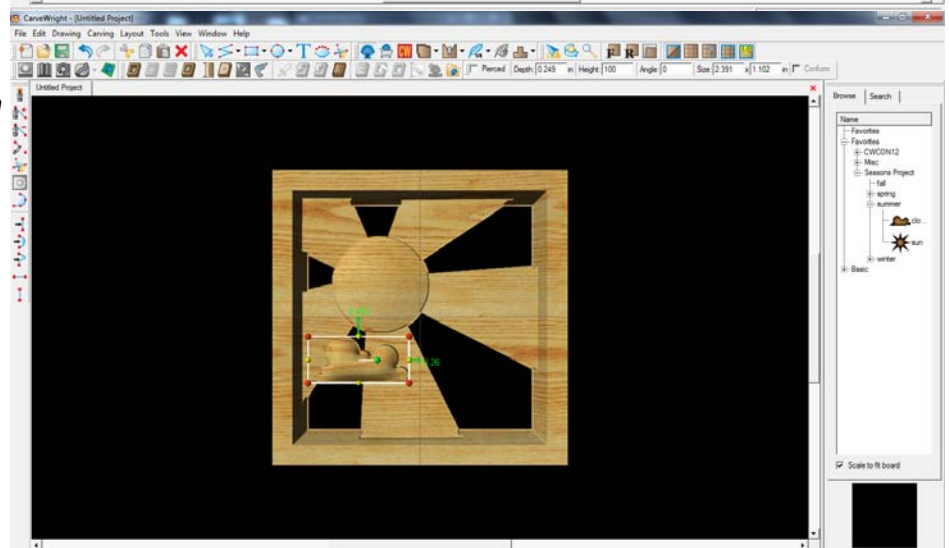
Set Height to 300.

Height: 300



✓ LAYERING PATTERNS

Patterns merge with one another and can be arranged using even the same pattern by overlapping, changing the orientation and varying the size, height and depths you can create your project.



✓ PATTERN PLACEMENT



Select the "Pattern Tool" icon to open the pattern library along the right side.

Select "cloud" under "Season Patterns" in your Favorites library from the summer folder.

Place on project board.

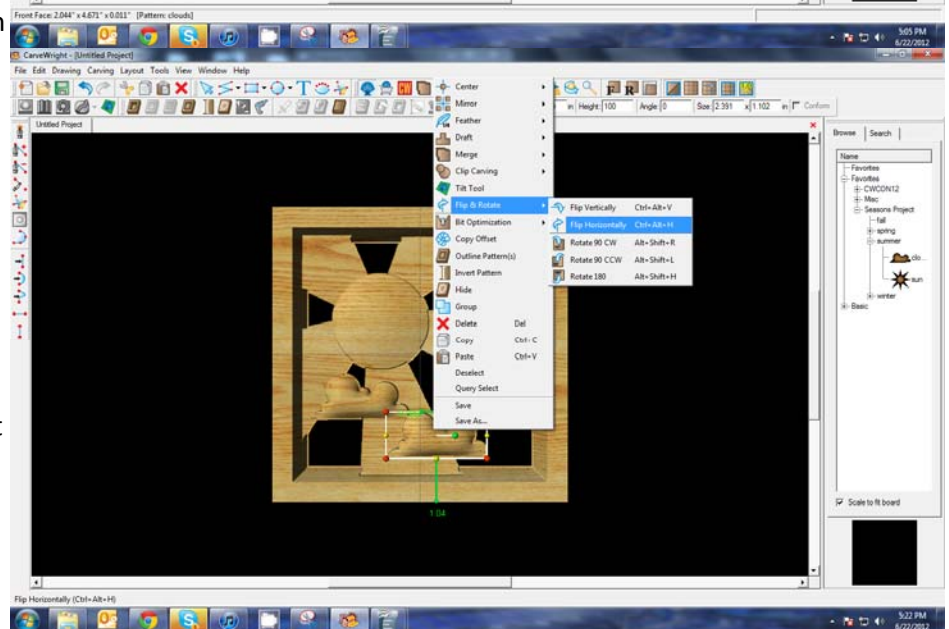
Copy & Paste to add another cloud.

✓ FLIP & ROTATE

Right click on the second cloud and select Flip Horizontally.



Resize larger than the first cloud and position slightly overlapping first cloud.



Adjust the depth of the larger cloud to .45" and the height to 50.

Depth: 0.450 in Height: 50

Right Click on the larger cloud; then paste and move to the upper right quadrant of the project.

✓ TEXT TOOL

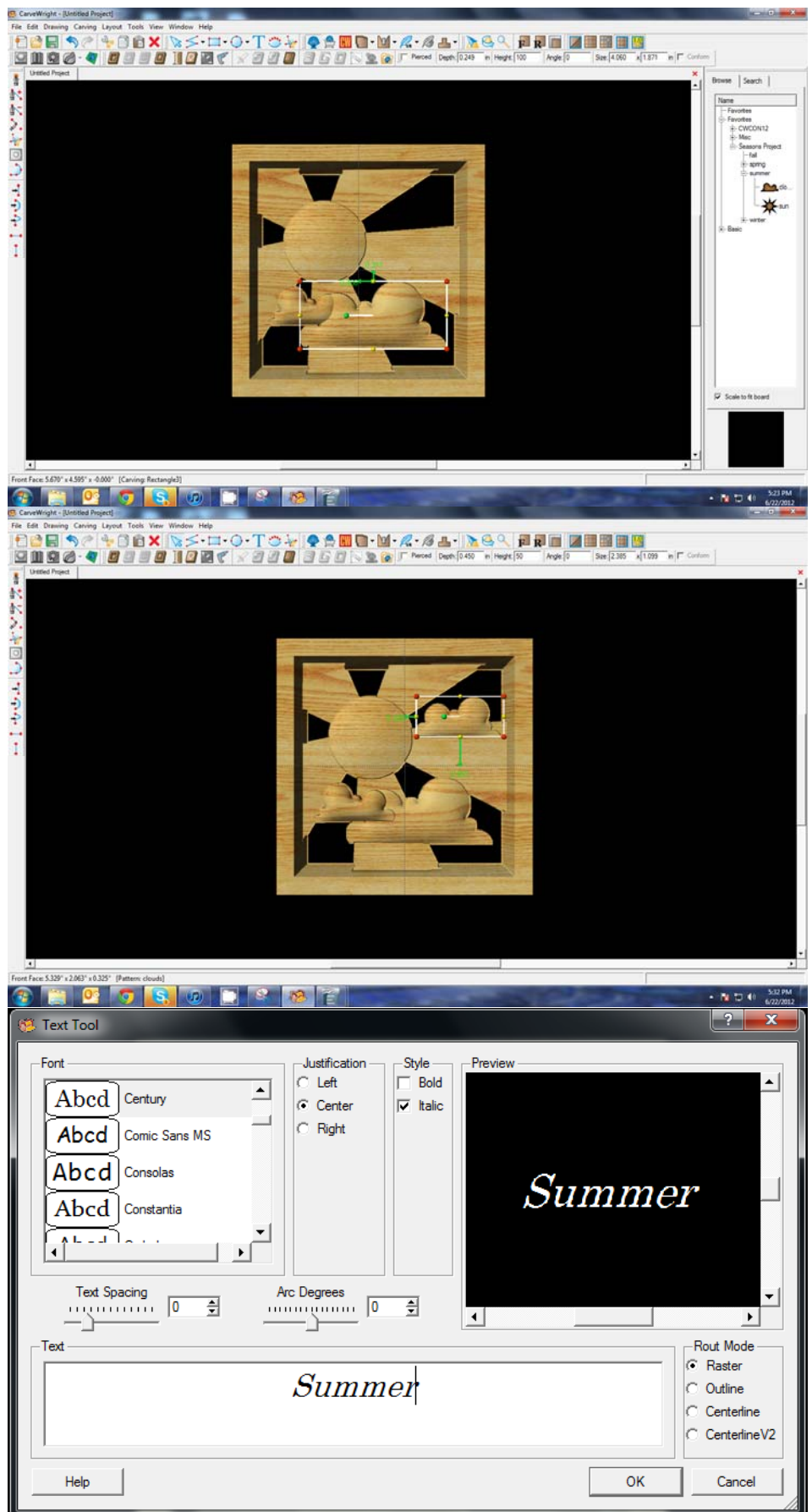


Next, select the "Text Tool" and click on board.

Text dialog box will appear. Select from any of the true type fonts that you have on your computer. *Some work better than others.*

Type the word "Summer"

Select "Raster" from one of the available Rout Modes.

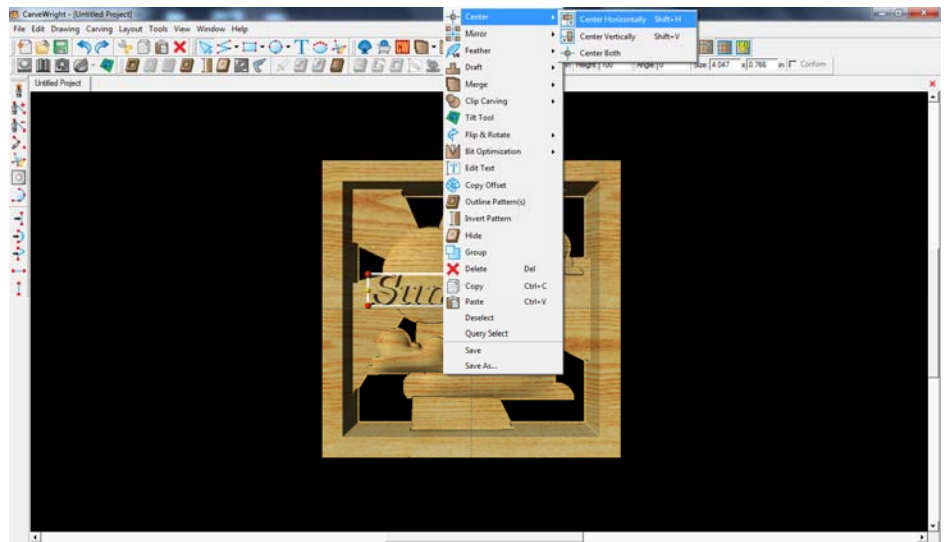
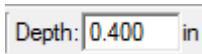


Center Horizontally



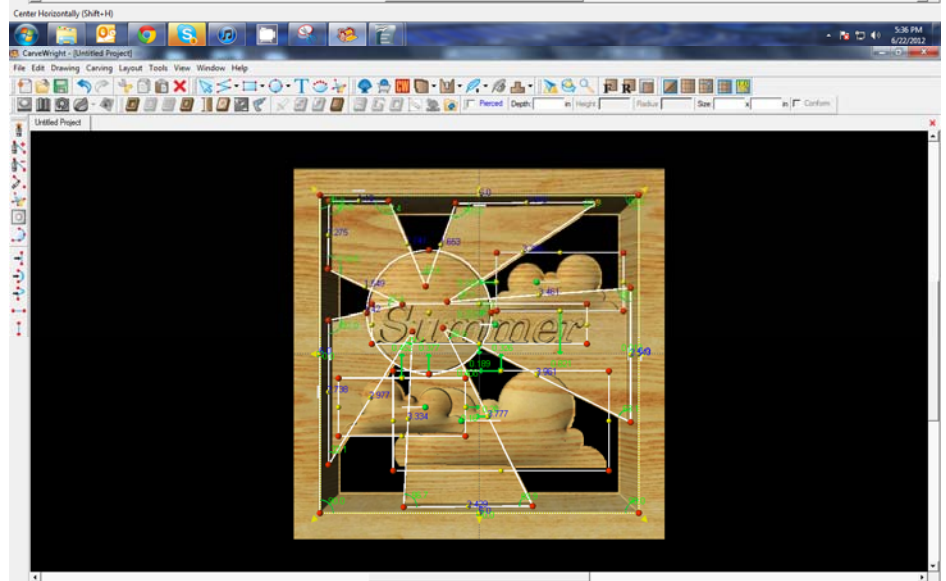
Position the word to go across the Sun and into the Sunray. The entire word should have a background behind it.

Set Text Depth to .04"

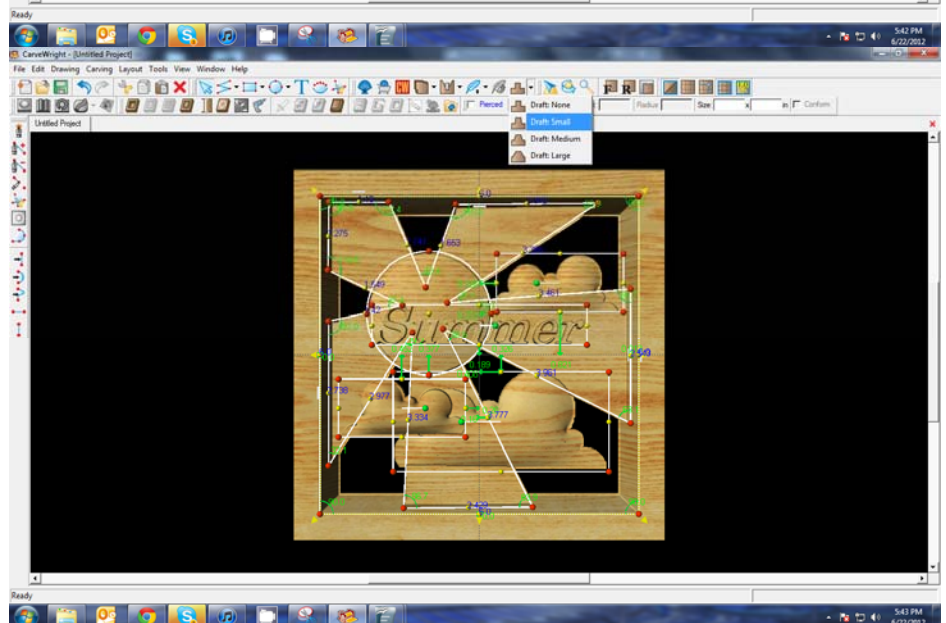


✓ SELECT ALL

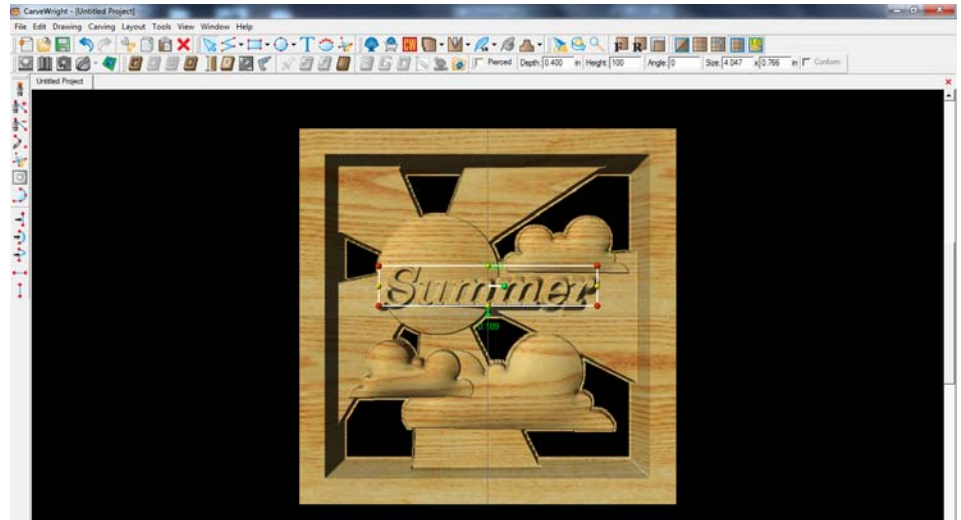
Select all by clicking once on one corner and then holding down the mouse button, drag your mouse to the opposite corner. *You can also right-click on the board (no element selected) and then select Select All.*



With everything selected, click on the "DRAFT" drop-down menu and apply a "Small Draft".



With just the word selected, apply a MEDIUM draft.



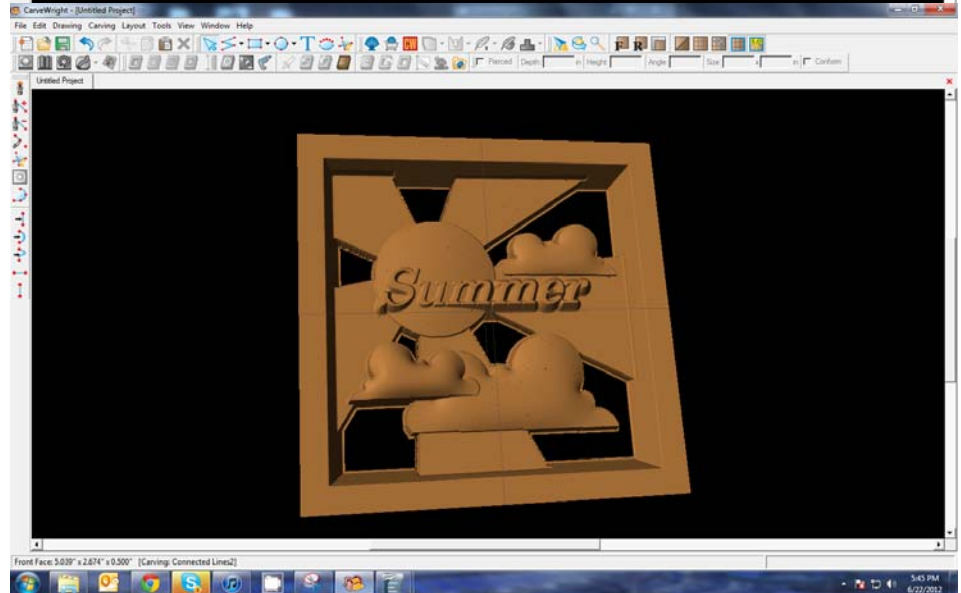
✓ BOARD SETTINGS

Go to View > Toggle Texture to remove wood grain for better viewing.

Also look at View > Board Settings > Stain/Finish to see how you can change the Wood Type/Stain or Wood Finish. This is a great way to present a proposal to a potential customer.



Rotate or zoom in on your project to view it from different angles and make any necessary adjustments.



REMEMBER THESE FUNCTIONS FROM PREVIOUS STEP-BY-STEP PROJECTS

✓ MANAGING DATA

Select "File" > "Save"



*****IMPORTANT*****

Once a project is uploaded to a memory card, it cannot be brought back from the memory card into the software. Always SAVE YOUR PROJECT on your hard drive. A Projects folder is recommended and you should know where you saved it.

✓ UPLOADING TO MEMORY CARD

Make sure your Memory Card



& Programmer are properly attached via your USB port, Select "File" > "Upload" to save to your memory card.

Select Quality Setting

- *DRAFT*
- *NORMAL*
- *BEST*
- *OPTIMUM*

These settings determine the number of passes the machine makes to carve your project. The more lines the better the surface finish. Make your decision based on material type, fondness of sanding vs. machine time, & test carve vs. final. Notice the estimated carving time differs by quality setting.

Name Your Project

Example:

Summersun_B_3h30m

(recognizable name_quality setting_estimated time to carve)

Click “Upload”

NOTE: Actual board to be placed in machine should be 7” longer or you should use a sled that has 3.5 extra inches on each end to STAY UNDER THE ROLLERS.