

Tessellation in Paint - 2 Colors

Before you begin:

From the Tool Bar choose View → Zoom → Custom → 800%
From the Tool Bar again View → Zoom → Show Grid

To create your Tessellation Piece:

- Choose the pencil and the color black.
- Carefully create a 10 X 10 square.
- Add some squares to one side of the square using the pencil in any pattern you would like

Ex.



- Switch the color of the pencil to white
- Remove the exact pattern off the other side of the square

Ex.



- *Repeat the process to add to the top and subtract from the bottom*

Now you are ready to make several of the same piece so that you can tessellate them.

Remember: At anytime if you feel you have made a mistake, use the UNDO choice in the Edit tool.

- Use the dotted Rectangle on the tool bar to drag a rectangle around your piece.
- Right Mouse click on Copy
- Right click again and choose Paste - a second image will appear and you need to drag it off the original one somewhere else on the page by using the left mouse click
- Right Click again and choose Paste again, move it
- Repeat until you have 16 pieces on the page

Now to create the other color pieces.

- Choose the paint can and left click the paint can on 8 of the puzzle pieces so that half are yellow
- Click on the dotted rectangle again and choose the bottom colored choice that comes up at the bottom of the tool bar that shows 3D shapes
- Using the dotted rectangle tool you are going to choose different pieces to move around until you have them tessellated together

You are almost ready to print.

You will need to make the Tessellation larger.

- Put a box around the entire Tessellation.
- Use the Image command in the tool bar at the top.
- Choose Stretch/Skew and stretch 500% each direction.
- Under File Choose Print. And again choose print.

You should have a printed version of your wonderful puzzle!!