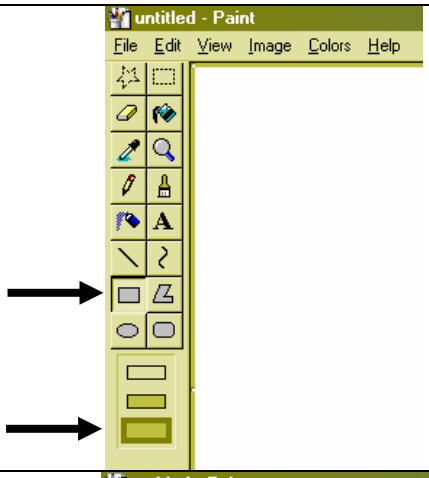
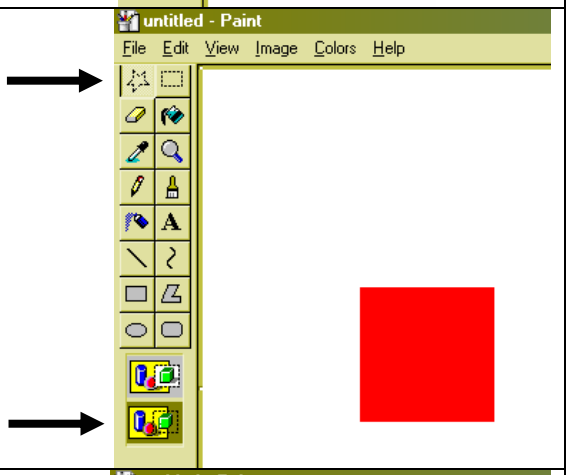
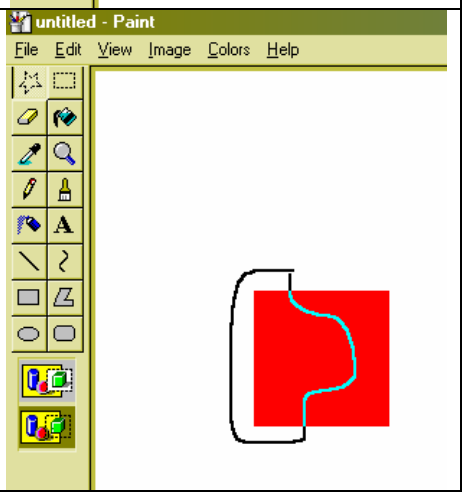
Create a Tessellation

Technology for Classroom Teachers
Marilyn Western

1	Open Paint: Start, Programs, Accessories, Paint	
2	Select your favorite color. Click on the Rectangle Tool Select the Fill with Color tool to make your shape a solid color. To draw a perfect square: Hold the Shift key while you click & drag a box in the middle of your paint canvas. Save your picture (File, Save As, My Pictures folder, name it tess1)	
3	Select the Free Form Select tool (looks like a dashed star). Select the Transparency tool to make the background transparent (you can see through it).	
4	Start at the top of your square and wiggle through the square till you exit the bottom. Continue dragging around the outside of the square until you meet your beginning point. When you let go, you will see a dashed rectangle – this means your piece is 'active'.	

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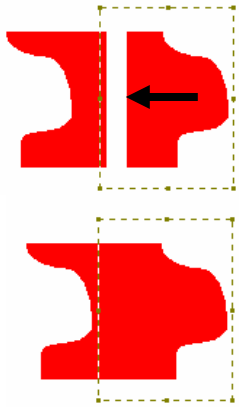
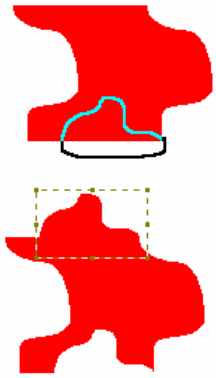
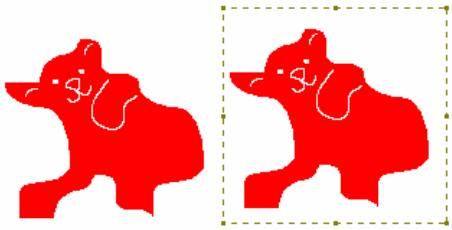
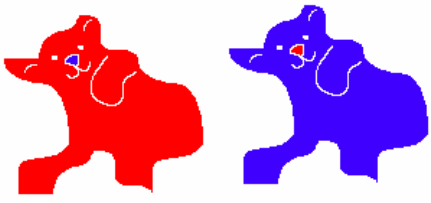
5	Click in the middle of your active piece and drag around to the right hand side of what's left of your square. Snug it up to the right edge of the square so it looks like 1 piece. Make sure it's lined up exactly. Save your image.	
6	Repeat steps 4 & 5 but make your cut from the bottom and place on the top. HINT: Start at a bottom corner. Then use the top corner to align your piece.	
7	Decide what your image looks like. Use the pencil tool in 1 contrasting color to add details to your picture. Do NOT add anything outside of your shape!! Save.	
8	Use the Select rectangle (dashed box) to draw a rectangle around your image. Copy this image: Edit and Copy or Ctrl and c or Right click and Copy Then paste this image: Edit and Paste or Ctrl and v or Right click and Paste.	
9	Use the Fill tool to change the color of your second image. Save.	

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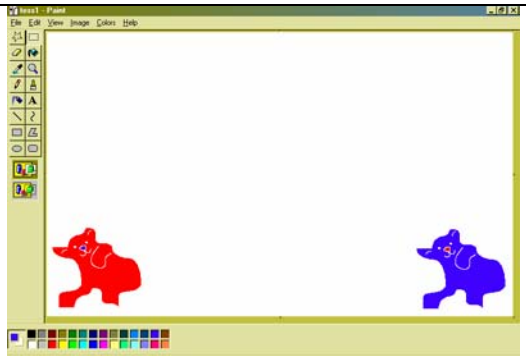
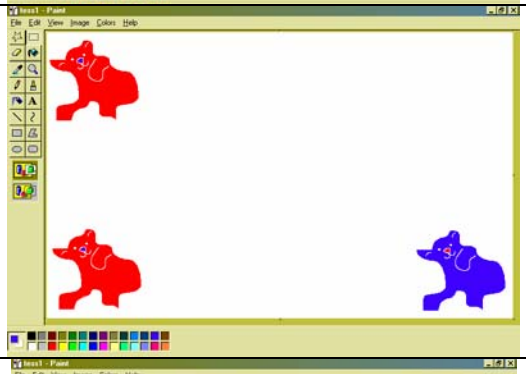
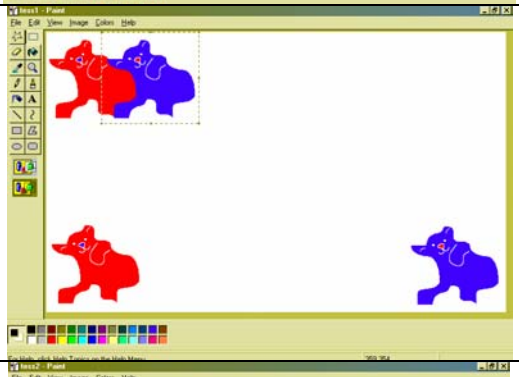
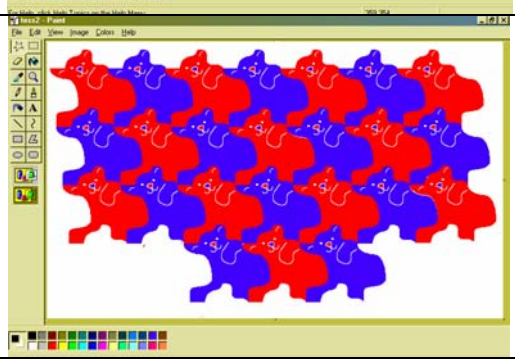
10	Use the Select rectangle to select and move each image to the bottom of your window – the 1st in the bottom left corner, the 2nd in the bottom right corner.	
11	Use the Select rectangle to select the 1st image. Copy and paste it. Move it to the top left corner of your window.	
12	Use the Select rectangle to select the 2nd image. Copy and paste it. Move it to the right of the top image – snug it in so it fits perfectly.	
13	Continue copying and pasting and moving together until you have a completed Tessellation pattern. Save often!!!	

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