Inkscape: Creating Tessellations

Tessellations are repeating shapes that fit together without overlapping and without any gaps. Tessellations can be simple geometric shapes (for example a square) or complex shapes like animals. See more at the web site tessellations.org

Method One: Use of paths

1. Create a perfect square by holding down the command key while using the rectangle tool.



2. Use the pencil tool to draw a shape on one side of the square, making sure the line extends outside the square





- 3. Select both the line and the square Holding Shift to keep both
- 4. Click on Path Division



- 5. Let the shift key go
- 6. Click outside of the box

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Select the cut out shape and hold command to move shape to other side





Select both shapes using Shift and click on Path-Union

Duplicate, change colors and arrange to fit together.



Add extra items to the different shapes to create something interesting. Duplicate and group together to complete the tessellation.

