

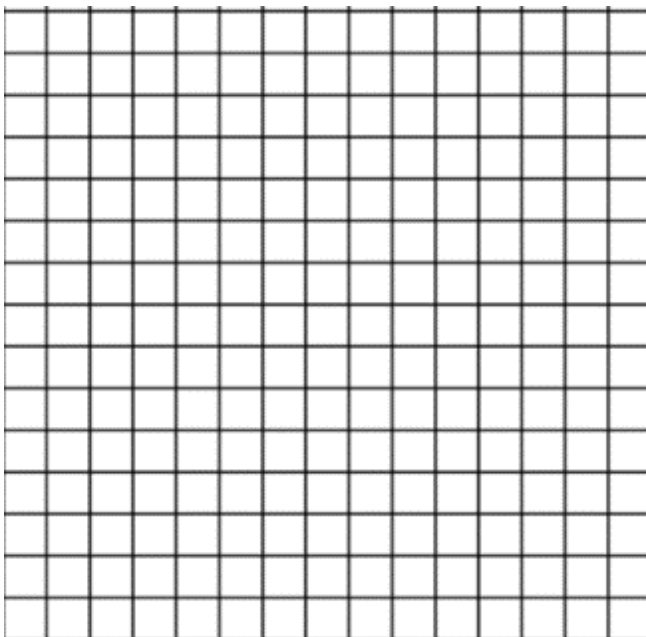
Creating Repeated Patterns

An activity of "Peranakan Beaded Slippers".

1. Read the article "Peranakan Beaded Slippers" (page 24, *What's Up* May 2024). Look at the repeated motifs in the Peranakan beaded slippers below.

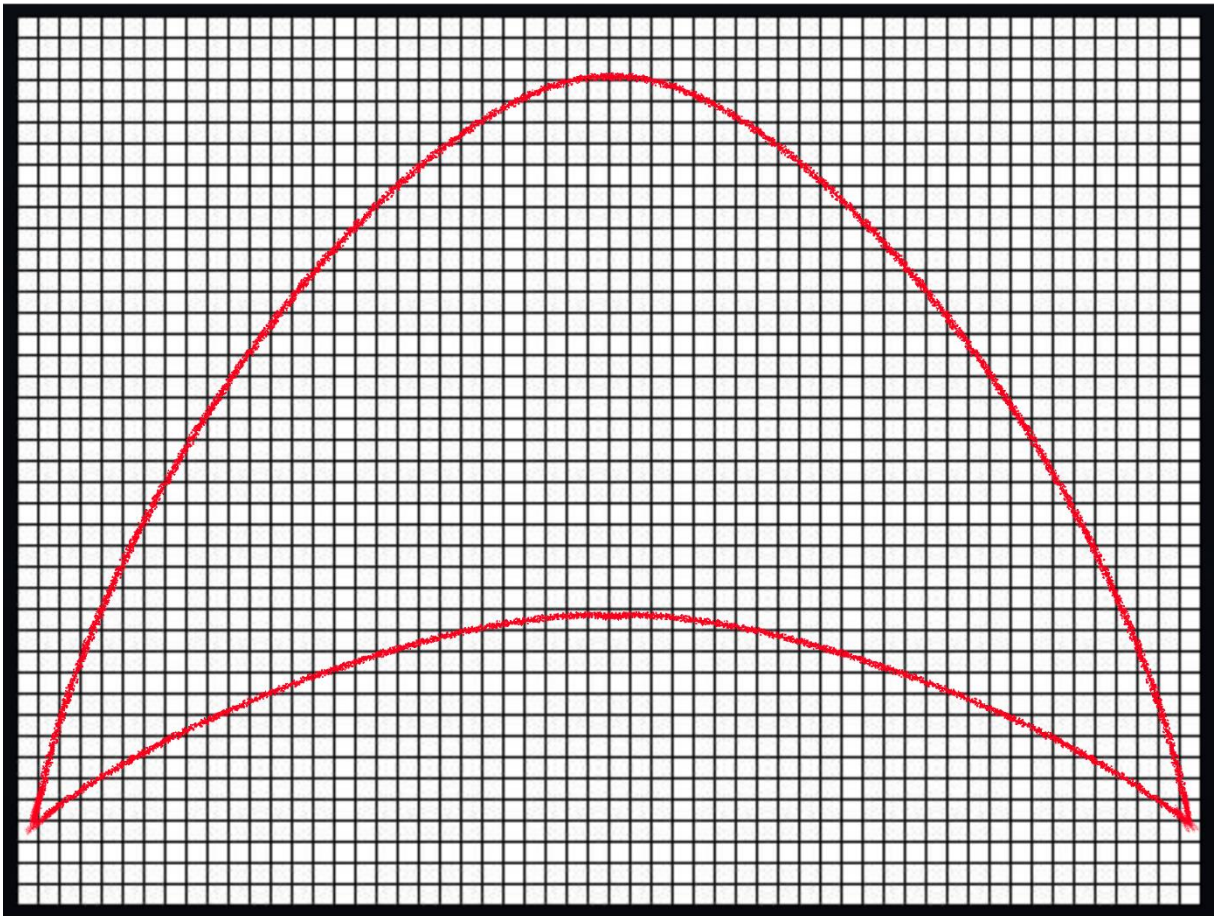


2. Observe any recurring motifs in them. Draw out any one tile that was repeated in the grid below, like pixel art. Can you identify the lines of symmetry in your tile?



Lines of symmetry are imaginary lines that divide an object or shape into two identical halves, such that when one half is folded over the line, it perfectly aligns with the other half.

3. Create your own pattern for a beaded slipper design **using at least one line of symmetry** to mirror your pattern.



4. Present your pattern and the following reflections to your class.

a) What challenges did you encounter while creating your repeated pattern, and how did you overcome them?

b) How do you think the tiling method can be applied when designing something else?