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| **Exploring Tessellations** | | | |
| Recognizes tessellations    Same shape is repeated. It covers a surface with no gaps between them. | Identifies properties of tessellating shapes  A regular polygon will tesselate if 360° divided by the measure of  each interior angle is a whole number. For example, the sum  of the interior angles of a square  is 360°.  360° ÷ 90° = 4 | Identifies the tessellating tile used to create a tessellation    The tessellating tile is composed of a square and 2 equilateral triangles. | Identifies the transformations used to create a tessellation    Reflect the tile vertically in a horizontal line of reflection passing through the bottom right corner of the square. Then translate the shape right and up. |
| **Observations/Documentation** | | | |
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