Tessellations Vocabulary

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| * Horizontal | Going side-to-side, like the horizon. |  |
| * Vertical | In an up-down position, upright |  |
| * Diagonal | Non-mathematical use is a slanted line.  In math, diagonal means a line going from one corner to another opposite corner. |  |
| * Gradation | Gradual Change- Any process or change taking place through a series of stages in a gradual manner. |  |
| * Rhombus | A 4-sided flat shape with straight sides where all sides have equal length. |  |
| * Hexagon | A 6-sided polygon |  |
| * Symmetry | The property of being made of same-shape parts that face each other. Folding the shape on a line will line up parts that match. |  |
| * Asymmetry | Opposite of Symmetry, where there is no regularity of corresponding parts. |  |
| * Congruent | When two figures have the same shape and size. |  |
| * Random | Without order. Not able to be predicted. Happening by chance. |  |
| * Anomaly | A deviation from the common rule, type, arrangement, or form. |  |
| * Pattern | Things that are arranged following a specific rule. |  |
| * Structure | Anything composed of parts arranged together in a specific way. |  |
| * Orientation | An object’s relative position |  |
| * Tessellation | A pattern of shapes that fit together without any overlap |  |
| * Mosaic | A picture or decoration made of small, usually colored pieces of inlaid stone, glass, etc. |  |
| * Quilt | A blanket, made of layers of fabric and stitched in patterns. |  |