Tessellations Vocabulary

|  |  |  |
| --- | --- | --- |
| * 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. |  |