# MATHS

| Topic | Word | Meaning |
|---|---|---|
| Numbers | Index/Indices | The index of a number says how many times to use the number in a multiplication. Like in $8^3$ or $4^2$ |
| Shape, Space & Measures | Bisect | To divide into two equal parts. The dividing line is called the bisector. |
| Shape, Space & Measures | Tessellate Tessellation | A pattern made of identical shapes:<br>• the shapes must fit together without any gaps<br>• the shapes should not overlap |
| Transformations | Scale | The ratio of the length in a drawing (or model) to the length of the real thing. |
| Handling Data | Continuous Data | Data that can take any value (within a range) e.g. people's heights |
| Handling Data | Discrete Data | Data that can only be certain values. e.g. pupils in a class |
| Handling Data | Sample | A selection taken from a larger group |
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| Topic | Word | Meaning |
|---|---|---|
| Numbers | Ascending order | Increasing<br>Going from smallest to largest. |
| Numbers | Descending | Decreasing<br>Going from largest to smallest. |
| Algebra | Variable | A number not known, represented by a letter, like x or y. |
| Graphs | Gradient | How steep a straight line is. |
| Shape, Space & Measures | Congruent | The same shape and size. Two shapes are congruent when you can turn, flip and/or slide one so it fits exactly on the other. |
| Shape, Space & Measures | Equidistant | The same distance from (each other or in relation to other things).<br>For example, parallel lines are always equidistant. |
| Construction and Loci | Locus | A set of points forming a geometric figure |
| Problem Solving | Justify | Explain your answer, show your working out |