

# Maths CONCEPTS

Concepts are **broad ideas** that are **factual** & used to **define & explain**. They are universal & timeless. **These are the concepts that we teach through our Maths Curriculum:**

Subject	Concept	Explanation
<b>Maths</b>	<b>Number</b>	The first mathematical skills is basic number sense. Number sense is the order and value of numbers. A number is a mathematical object used to count.
	<b>Pattern</b>	A pattern is a repeated design or recurring sequence. This could be an ordered set of numbers, shapes or mathematical objects arranged according to a rule.
	<b>Shape and Space</b>	Shape and space refers to the properties of objects and the consequences of how these objects are positioned. Space is a set with added structure. Shape is the form of an object and how it is laid out in space.
	<b>Measure</b>	Measure is a number that shows the size or amount of something. Usually, the number is in reference to some standard measurement.
	<b>Geometry</b>	Geometry is a branch of mathematics concerned with questions of shape, size, relative position of figures and the properties of space.
	<b>Statistics</b>	Statistics is the study of collection, analysis, interpretation, presentation and organisation of data.
	<b>Algebra</b>	Algebra is a branch of mathematics dealing with symbols and the rules for manipulating those symbols.
	<b>Reasoning</b>	Mathematical reasoning is the skill that enables a learner to make use of all other mathematical skills. With mathematical reasoning, mathematics makes sense and can be understood.