Maths Curriculum- Grade 8

QUARTER	TOPICS
QUARTER 1	• Real number, Integers and Fractions. • Rational and Irrational Numbers: Understanding and operating with rational numbers, including fractions, decimals, and percents. • Introducing irrational numbers such as square roots. • Finding Cubes and cube roots through conventional and vedic maths techniques
QUARTER 2	• Equations and Expressions: Solving linear equations, simplifying algebraic expressions, and applying the distributive property. Functions: Introducing the concept of functions, graphing linear functions, and understanding slope and intercepts. • Proportional Relationships: Working with ratios, rates, and proportions, including solving proportion problems.
QUARTER 3	• Geometric Transformations: Recognizing and performing transformations, such as reflections, rotations, and translations, on geometric figures. Quadrilaterals and their properties • Pythagorean Theorem: Applying the Pythagorean theorem to find the length of sides in right triangles and solving related problems. • Volume and Surface Area: Calculating the volume and surface area of three-dimensional figures, including rectangular prisms, cylinders, and cones.
QUARTER 4	• Statistics and Probability: Analyzing data sets, including measures of central tendency and variability. Introducing concepts of probability and calculating probabilities of simple events. • Exponents and Scientific Notation: Understanding and operating with exponents, including simplifying expressions with exponents. Introducing scientific notation for expressing very large or small numbers.

Disclaimer

** 1. The curriculum is subjected to changes and upgradation as per the feedback received from our customers.

2. Project and activities will depend on the type of course and tier.

3. Moonpreneur reserves all the rights to update its curriculum at any given point in time.