Arambagh Vivekananda Academy
Syllabus – 2021 - 22 :: Class-VIII :: Subject- Mathematics

Exam Name	NCERT - Book	Reference Book
Pre Mid Term	1) Rational Number 2) Exponents and Powers 3) Algebraic Expressions and Identities 4) Linear Equation in one variable	1) Rational Number 2) Exponents 3) Operations on Algebraic Expressions 4) Polygons 5) Quadrilaterals 6) Linear Equation
Mid Term	1) Data Handling 2) Comparing Qualities 3) Direct and Inverse Proportions 4) Understanding Quadrilaterals **Rev :** Chapters of Pre – Mid term	1) Parallelogram 2) Percentage 3) Profit and Loss 4) Compound Interest 5) Direct and Inverse Proportion 6) Time and Work 7) Probability 8) Pie - Chart **Rev :** Chapters of Pre – Mid term
Post Mid Term	1) Square and Square Roots 2) Playing with Numbers 3) Factorisation 4) Practical Geometry 5) Visualising Solid Shapes	1) Square and Square Roots 2) Playing with Numbers 3) Factorisation 4) Construction of Quadrilaterals 5) Three Dimensional Figures
Term End Exam	1) Mensuration 2) Cube and cube roots 3) Graphs **Rev :** Chapters of Post – Mid term + 1) Rational Number 2) Exponents and Powers 3) Algebraic Expressions and Identities 4) Linear Equation 5) Understanding Quadrilaterals	1) Area of a Trapezium and Polygon 2) Volume and Surface area of Solid 3) Line Graphs and Linear Graphs 4) Data Handling 5) Cube and Cube Roots **Rev :** Chapters of Post – Mid term + 1) Operations on Algebraic Expressions 2) Exponents and Powers 3) Linear Equation 4) Parallelogram 5) Rational Number