SOBTIS PUBLIC SCHOOL (SR. SEC)
ANNUAL CURRICULUM AND PEDAGOGICAL PLAN
SESSION- 2023-24

VISION:-"Our vision is to make the youth aspire, discover, redefine, innovate and become successful in life."

MISSION:-To develop future-geniuses with active and creative minds, a sense of understanding and compassion for humanity, and the courage to act upon their values and beliefs. We strongly believe in holistic development of each and every child spiritually, morally, intellectually, socially, emotionally and physically.

Subject: MATHEMATICS   **Class: VIII**

Month	No. of Working Days	Topic	AIL/SUB IL/ SPORTS IL	Descriptions
APRIL	18	CH. 1 RATIONAL NUMBERS CH. 2 EXPONENTS CH. 3 SQUARE AND SQUARE ROOTS CH. 4 CUBE AND CUBE ROOTS		
MAY	5	REVISION		
JULY	24	CH. 5 PLAYING WITH NUMBERS CH. 6 OPERATIONS ON ALGEBRAIC EXPRESSIONS CH. 7 FACTORISATION CH. 9 PERCENTAGE CH.10 PROFIT AND LOSS		
AUGUST	25	CH. 12 DIRECT AND INVERSE PROPORTION CH. 13 TIME AND WORK CH. 19 THREE DIMENSIONAL FIGURES CH. 22 INTRODUCTION TO COORDINATE GEOMETRY	To represent different coordinates using beads.(Art IL)	With the help of beads or grains, students will be able to put different coordinate points on graph paper
SEPTEMBER	5	REVISION		
OCTOBER	22	CH. 16 PARALLELOGRAM CH. 14 POLYGON CH. 18 AREA OF TRAPEZIUM AND A POLYGON CH. 25 PROBABILITY	Activity	With the help of plain sheet of paper, and colour pencils, students will be able to understand the exterior angle property of Polygon
NOVEMBER	25	CH. 24 PIE CHARTS CH. 8 LINEAR EQUATION CH. 11 COMPOUND INTEREST	To use the pie chart to find the solutions of different situations from daily life experience using Microsoft Excel (Subject IL)	With the help of Microsoft Excel, Students will put their data in tabular form and then in Pie Chart.

DECEMBER	23	CH. 15 QUADRILATERALS CH. 17 CONSTRUCTIONS OF QUADRILATERALS CH. 21 DATA HANDLING	Activity	Using plain sheet of paper and different colors students will be able to understand the sum of all interior angles of a quadrilateral
JANUARY	18	CH. 20 VOLUME AND SURFACE AREA OF SOLIDS CH. 23 LINE GRAPHS AND LINEAR GRAPHS	To Find the surface area and Volume of sports areas in field(Sports IL)	Using different formulae, students will understand to find the volume and surface area of different sport areas like swimming pool,etc.