

SOBTIS PUBLIC SCHOOL (Sr. Sec.)

Annual Curriculum and Pedagogical Plan (2026-27)

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

Teacher: Mr. Haziq Shamsi

Month	No. of Working Days	Topic	AIL/SUB IL/SPORTS IL	Descriptions
April	24	CH. 1 RATIONAL NUMBERS		
		CH. 2 EXPONENTS AND POWERS		
May	10	REVISION		
July	27	CH. 3 SQUARE AND SQUARE ROOTS		
		CH. 4 CUBES AND CUBE ROOTS		
August	23	CH. 5 PERCENTAGE AND ITS APPLICATION	Shopping & Discount Mela (Activity Based on Percentage)	With the help of Fake Currency, Price Tags, Chart Papers, Notebooks and Billing Book, students will be able to understand the concept of Percentage and its applications.
		CH. 8 ALGEBRAIC EXPRESSIONS	Algebraic Expressions and Geometric Art (Art IL)	With the help of Graph paper or blank sheets of paper, coloured pencils, markers, or crayons and Ruler Etc. students will be able to understand the concept of algebraic expressions.
SEPTEMBER	8	REVISION		
October	22	CH. 9 FACTORISATION		
		CH. 7 DIRECT AND INVERSE PROPORTION		
November	21	CH. 10 LINEAR EQUATION IN ONE VARIABLE	Solving Linear Equations in One Variable (Subject IL)	Using the Pen/Pencil and Paper Whiteboard/Chalkboard students will be able to understand the linear equations in one variable
		POUND INTEREST		

		CH. 11 UNDERSTANDING QUADRILATERALS		
December	24	CH. 13 DATA HANDLING	Weather Report Project (Activity based on Data Handling)	With the help of collected Weather Report data, students will be able to understand the concept of Data handling in Excell Sheet.
January	16	CH. 12 MENSURATION	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.
		CH. 14 INTRODUCTION TO GRAPHS		
February	7	REVISION		