

SOBTIS PUBLIC SCHOOL (Sr.Sec.)
Annual Curriculum and Pedagogical Plan (2024-25)

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: VII

Teacher: Mr. Haziq Shamsi

Month	No. of Working Days	Topic	AIL/SUB IL/ SPORTS IL	Descriptions
April	23	CH. 1 INTEGERS		
		CH. 2 FRACTIONS		
		CH. 3 DECIMALS	Decimal Dash (Activity based on Decimals)	Using Grid Paper and different sketch colours students will learn to find the product of decimals
May	15	REVISION		
July	26	CH. 4 RATIONAL NUMBER		
		CH. 5 EXPONENTS		
		CH. 6 ALGEBRAIC EXPRESSION		
		CH. 7 LINEAR EQUATIONS IN ONE VARIABLE		
August	24	CH. 13 LINES AND ANGLES	To represent Lines and Angles using Clay Modelling (Art IL)	Students will be able to understand lines and different types of angles
		CH.18 REFLECTION AND ROTATIONAL SYMMETRY		

		CH. 19 THREE DIMENSIONAL SHAPES	To draw the 3-D figures using 3D paint tools using paint software(Subject IL)	In 3D paint tools software students will put their day to day life related objects to understand the concept of 3D objects
		CH. 12 SIMPLE INTEREST		
		CH. 14 PROPERTIES OF PARALLEL LINES		
		CH. 8 RATIO AND PROPORTION		
SEPTEMBER	6	REVISION		
October	22	CH. 11 PROFIT AND LOSS		
		CH. 9 UNITARY METHOD		
		CH. 23 PROBABILITY		
November	23	CH. 15 PROPERTIES OF TRIANGLES		
		CH. 10 PERCENTAGE		
		CH. 21 COLLECTION AND ORGANISATION OF DATA		
December	18	CH. 16 CONGRUENCE		
		CH. 17 CONSTRUCTIONS		
		CH. 22 BAR GRAPH	Graph Quest (Activity based on Bar Graph)	With the help of graph paper students will be able to put their marks in different subjects
January	20	CH. 20 MENSURATION	To find the area and volume of different sports equipments(Sports IL)	Students will go through the concepts of area and volume of different sports equipments using formulas.
February	15	REVISION		