ACADEMIC PLANNER 2024 - 2025
Subject : Mathematics
Class - VII

DATE	TOPIC	SDG COVERED / INTERDISCIPLINARY VALUE BASED	ACTIVITY	GK PAGES
April 1-15th April (11 days)	**Ch. 1- Integers**	Value of honesty	To multiply integers using unit square papers. Science Integration(Electrons and Protons)	Pg 24,25
16- 30th April (11 days)	**Ch. 1- Integers**			
May 1-15th May (12 days)	**Ch. 3- Data Handling**	SDG : Good health and well being	Color the map of India with different colors and observe probability in it.(Subject Integration)	Pg 26
May 16-25th May (6 days)	**Ch.2- Fractions and Decimals**			Pg 28
JULY 1-15th July (12 days)	**Ch.2- Fractions and Decimals** REVISION For UT 1	SDG : No Poverty (worksheet 1)	To divide fractions using number line	Pg 29
16- 31st July (13 days)	**Ch. 4- Simple Equations**	Helping Others	Crossword puzzle	Pg 30
August 1-15th Aug. (11 days)	**Ch. 5- Lines and Angles**	SDG- Sustainable Consumption	To verify the relationship between angles made by transversal with parallel lines.	Pg 31
16 -31st Aug. (12 days)	**Ch. 7- Comparing Quantities**		Observe the ratio in making musical instruments(harmonium) (Subject Integration)	Pg 71
September 1-15th Sept. (11 days)	Revision for Term 1 examination			
16-30th Sept. (12 days)	**TERM - 1 EXAMINATION**			
October 1-15th Oct. (8 days)	**Ch. 6- Triangle and its properties**	SDG : Sustainable consumption and production (worksheet 10)	*Warli Art (Art Integration) *To verify angle sum property and exterior angle property of a triangle *To verify Pythagoras Theorem	Pg 72
16 -31st Oct. (12 days)	**Ch. 6 - Triangles and its properties**			

November 1-15th Nov. (10 days)	**<u>Ch. 8- Rational Numbers</u>** REVISION For UT 2	Reduced inequalities	To multiply two rational numbers experimentally.	Pg 73,74
16-30th Nov. (13 days)	**<u>Ch. 12 Symmetry</u>** **<u>Ch. 13 Visualising Solid Shapes</u>**	SDG: Sustainable Development	*Make a PPT representing symmetry and non-symmetry around you.(Technology Integration) *Making paper fan using origami. *Making an eco friendly dustbin using 3 D shapes(Art Integration)	Pg 75

December 1-15th December (11 days)	**<u>Ch. 9- Perimeter and Area</u>**	Value of respecting elders	*To observe ratio of circumference and diameter using straws. *Derivation of formulae of perimeter and area.	Pg 76
16-31st December (13 days)	**<u>Ch. 10- Algebraic Expressions</u>**		*To add algebraic expressions using algebra tiles. *Escape room(Game)	Pg 77

January 15 -31st January (13 days)	**<u>Ch. 11- Exponents and Powers</u>**	SDG Climate action (worksheet 11)	Observing platelets in human body.(Subject Integration)	Pg 78,80

February 1-15th Feb (12 days)	**Revision for Annual Examiations**
16-28th Feb (10 days)	**Annual Examinations**

TERMWISE SYLLABUS		GK Pages
CLASS TEST - 1	**Ch 1, Ch 3**	**Pg 24,25,26**
TERM-1	**Ch 1, Ch 2, Ch 3, Ch 4, Ch 5, Ch 7**	**Pg 28,29,30,31,71**
CLASS TEST - 2	**Ch 6, Ch 8**	**Pg 72,73,74**
ANNUAL EXAMINATION	**Ch 1 to 13**	**Pg 75,76,77,78,79,80**