

ACADEMIC PLANNER 2023 - 2024

Subject : Mathematics

Class - VII

DATE	TOPIC	SDG COVERED / INTERDISCIPLINARY VALUE BASED	ACTIVITY	GK PAGES
April 1-15th April (9 days)	<u>Ch. 1- Integers</u>	Value of honesty	To multiply integers using unit square papers. Science Integration(Electrons and Protons)	Pg 38,39
16- 30th April (11 days)	<u>Ch. 1- Integers</u>			
May 1-15th May (11 days)	<u>Ch. 3- Data Handling</u>	SDG : Good health and well being	Color the map of India with different colors and observe probability in it.(Subject Integration)	Pg 40
JULY 1-15th July (12 days)	<u>Ch.2- Fractions and Decimals</u> REVISION For UT 1	SDG : No Poverty (worksheet 1)	To divide fractions using number line	Pg 41
16- 31st July (12 days)	<u>Ch. 4- Simple Equations</u>	Helping Others	Crossword puzzle	Pg 42
August 1-15th Aug. (11 days)	<u>Ch. 5- Lines and Angles</u>	SDG- Sustainable Consumption	To verify the relationship between angles made by transversal with parallel lines.	Pg 43
16 -31st Aug. (13 days)	<u>Ch. 7- Comparing Quantities</u>		Observe the ratio in making musical instruments(harmonium) (Subject Integration)	Pg 44
September 1-15th Sept. (11 days)	Revision for Term 1 examination			
16-30th Sept. (12 days)	TERM - 1 EXAMINATION			
October 1-15th Oct. (10 days)	<u>Ch. 6- Triangle and its properties</u>	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 45
16 -31st Oct. (9 days)	<u>Ch. 6 - Triangles and its properties</u>			

November 1-15th Nov. (9 days)	<u>Ch. 8- Rational Numbers</u> REVISION For UT 2	Reduced inequalities	To multiply two rational numbers experimentally.	Pg 73
16-30th Nov. (12 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 74

December 1-15th December (12 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 75
16-31st December (13 days)	<u>Ch. 10- Algebraic Expressions</u>		*To add algebraic expressions using algebra tiles. *Escape room(Game)	Pg 76

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 77,78
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February 1-15th Feb (12 days)	Revision for Annual Examinations			
16-28th Feb (11 days)	Annual Examinations			

TERMWISE SYLLABUS		GK Pages
CLASS TEST - 1	Ch 1, Ch 3	Pg 38,39,40
TERM-1	Ch 1, Ch 2, Ch 3, Ch 4, Ch 5, Ch 7	Pg 41,42,43,44
CLASS TEST - 2	Ch 6, Ch 8	Pg 45,73
ANNUAL EXAMINATION	Ch 6, Ch 8, Ch 9, Ch 10,Ch 11, Ch 12	Pg 74,75,76,77,78