



BOKARO PUBLIC SCHOOL

SECTOR-III/C,B.S.CITY

SYLLABUS SESSION 2025-26

Class- 6 Subject- Mathematics

Sl. No	MONTH S	W/D	W.D	CHAPTER'S NAME/TOPIC	PAGE NO.	ACTIVITY
1	April	22		<u>CH : 1 Patterns in mathematics</u> <ul style="list-style-type: none"> • Patters in Numbers • Visualising Number Patters • Relations among Number Patters • Patters in Shapes <u>CH: 2 Number play</u> <ul style="list-style-type: none"> • Numbers as code • Kaprekar's constant • Mental math • Estimations • Playing with digits and pattern on number line • Clock and calender 		<ul style="list-style-type: none"> • Drawing patters based on experimental learning • Finding number palindromes based on observation skills and Experiential learning • Estimating number of holidays based on observation skills
2	May	7		<u>CH : 3 Fraction</u> <ul style="list-style-type: none"> • Fraction and fractional numbers • Proper , Improper and mixed fraction • Equivalent Fractions • Like and Unlike fraction • Addition of Fractions • Substraction of Fractions 		<ul style="list-style-type: none"> • Form paper plate with fraction based on Art Integration and visual literacy • Fraction tree based on Art Integration
3	June	15		<u>CH : 4 The Other side of Zero (Integers)</u> <ul style="list-style-type: none"> • Integers • Addition of Integers • Successor and predecessor of an Integers • Substraction of integers 		<ul style="list-style-type: none"> • Collecting and recording temperatures based on Information Literacy and collaboration
4	July	23		<u>CH : 5 Symmetry</u> <ul style="list-style-type: none"> • Lines of symmetry • Reflection symmetry • Rotational symmetry <u>CH : 6 Prime Time (Factors and multiples)</u> <ul style="list-style-type: none"> • Factors • Multiples • Common factors and common multiples • Test of divisibility 		<ul style="list-style-type: none"> • Rotational symmetry based on Art Integration • Applying divisibility rules based on Experiential learning and problem solving

				<ul style="list-style-type: none"> • Various types of numbers • Prime factorisation 		
5	August	18		<u>CH : 7 Lines and Angles</u> <ul style="list-style-type: none"> • Planes • Point , line segment , ray , line • Angles and angles with directions • Measuring an angle by a protector 		<ul style="list-style-type: none"> • Model of angles based on Art Integration, Creative and Innovation.
6	Sep	9		Revision for half yearly examination		
7	October	12		<u>CH : 8 Perimeter and Area</u> <ul style="list-style-type: none"> • Perimeter of shape • Area of rectangle and square • Area of triangle 		<ul style="list-style-type: none"> • Plantation of trees based on Critical Thinking and Problem solving
8	November	20		<u>CH : 9 Playing with construction</u> <ul style="list-style-type: none"> • Instruments used in construction • Ruler and compass constructions • Construction and measurement using protector • Points equidistant from two given points • Construction squares and rectangles 		<ul style="list-style-type: none"> • Drawing Daisy wheel based on Art Integration • Making beautiful designs using paper folding and cutting based on Art Integration
9	December	19		<u>CH : 10 Data Handling and Presentation</u> <ul style="list-style-type: none"> • What is data handling • Recording and organising data • Pictograph • Bar graph • Infographics 		<ul style="list-style-type: none"> • Collecting, organising, recording and displaying data based on Observation skills and collaboration
10	January	17		Revision for final examination		
11	Feb	15				

● **Note :-**

- **Book Name :- Standard Mathematics**
- **Publishers :- Kid's World Educational Books**
- **Teacher's Name:- Rahul Kumar Gope**