



Month	APRIL	MAY	JUNE	JULY
Concepts	Ch-1 Knowing Our Numbers Ch-2 Playing with numbers	Ch-2 Playing with numbers (Contd.) Ch-3 Whole numbers Ch-4 Integers	Ch-4 Integers (Contd.) Ch-5 Fractions	Ch-6 Decimals
Learning Outcomes	Students will be able <ul style="list-style-type: none"> To recall Indian and International systems of numeration. To compare and estimate numbers. To read and write Roman numerals. To learn about the BODMAS Rule. To find multiples and factors. To find prime factors using the prime factorization method. To apply the rules of divisibility. 	Students will be able <ul style="list-style-type: none"> To find HCF and LCM of the given number pairs. To Explain the properties of whole numbers. To Explain patterns in whole numbers. To Explain integers and ordering of integers. 	Students will be able <ul style="list-style-type: none"> To perform the arithmetic operations with (addition and subtraction) integers on the number line. To represent fractions on the number line. To classify the fractions . To compare and reduce fractions to their lowest term. To add and subtract fractions. 	Students will be able <ul style="list-style-type: none"> To represent decimals on the number line. To convert fractions into decimals and vice versa. To compare decimals. To add and subtract decimals.
Skills	Logical and Analytical Thinking/Numeracy and Computational Skills	Logical and Analytical Thinking/Numeracy and Computational Skills/Personal Development	Logical and Analytical Thinking/Numeracy and Computational Skills/Personal Development	Logical and Analytical Thinking/Numeracy and Computational Skills
Activities	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Population Pursuit Activity 	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> LCM Activity Importance of Zero Activity 	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Hexagon Activity. Shopping Activity 	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Trip Performance Activity. Graph Activity
Art Integration	English, Social Science, Information Literacy, Science and Art			
Assessments	<ul style="list-style-type: none"> Quiz/Questionnaire CW/ HW/ Subject Assignments Pen - Paper Test Notebook maintenance <p>Main Book: Cambridge Maths Milestone Publisher: Cambridge University Press (Enhanced Edition)</p>			



Month	AUGUST	SEPTEMBER	OCTOBER	NOVEMBER	DECEMBER/JANUARY
Concepts	Ch-7 Introduction to Algebra	Ch-8 Algebraic Equations Ch-9 Basic Geometrical Ideas(2D)	Ch-10 Understanding Elementary Shapes (2D and 3D) Ch-13 Perimeter and Area	Ch-13 Perimeter and Area (Contd.) Ch-14 Comparing Quantities	Ch.11 Symmetry Ch.12 Constructions Ch-15 Data Handling
Learning Outcomes	Students will be able to <ul style="list-style-type: none"> To Explain algebraic terms. To express common rules of geometry and arithmetic using variables. 	Students will be able to <ul style="list-style-type: none"> To solve algebraic equations. To recall the concept of Point, Ray, Line and Line segment. To Explain the concept of polygons and angles. To Explain the properties of Triangle and Quadrilaterals. To identify different parts of a circle. 	Students will be able to <ul style="list-style-type: none"> To measure and compare line segments. To measure angles and types of angles. To classify quadrilaterals and polygons. To identify 3D shapes. To find the perimeter of a square, a rectangle and a triangle. 	Students will be able to <ul style="list-style-type: none"> To find the areas of regular and irregular figures. To solve ratio and proportion. To solve sums using the unitary method. 	Students will be able to <ul style="list-style-type: none"> To classify figures based on the lines of symmetry. To find symmetry in English alphabets and geometrical figures. To recall geometric tools and their uses. To construct line segments , circles and angles. To construct bisectors and perpendiculars. To organize data using tally marks. To interpret and construct data using pictographs and bar graphs.
Skills	Logical and Analytical Thinking/Numeracy and Computational Skills	Logical and Analytical Thinking/Numeracy and Computational Skills/Spatial and Visual Understanding	Logical and Analytical Thinking/Numeracy and Computational Skills/Spatial and Visual Understanding/Academic and Life Skills/Personal Development	Logical and Analytical Thinking/Numeracy and Computational Skills/Spatial and Visual Understanding/Academic and Life Skills/Personal Development	Logical and Analytical Thinking/Numeracy and Computational Skills/Spatial and Visual Understanding/Academic and Life Skills/Personal Development
Activities	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Algebra in Geometry Activity 	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Daily Life Activity Road Trip Activity 	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> 3D in daily life Activity 	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Grid Activity Ratio Recipe Relay Activity 	Competency-skills based activity/ Experiential learning activity: <ul style="list-style-type: none"> Monument Activity Mandala Art Activity

Art Integration	English, Social Science and Art
Assessments	<ul style="list-style-type: none"> ● Quiz/Questionnaire ● CW/ HW/ Subject Assignments ● Pen - Paper Test ● Notebook maintenance <p>Main Book: Cambridge Maths Milestone Publisher: Cambridge University Press (Enhanced Edition)</p>