CONTINUOUS LEARNING PROCESS (CLP)
CLASS V
MATHEMATICS

S.No.	Month	Chapter	Learning outcomes	Supplementary link
1	April	Large numbers	Student Learns to • Differentiate between Indian and International place value system. • Find Successor and Predecessor mentally. • Compare Large numbers. • Make large numbers using the given digits. **SKILLS:** Quantitative reasoning, communication	https://youtu.be/FQr64Bt1Aw0
		Operations with large numbers	Student learns to • Add , Subtract, Multiply and Divide Large numbers. • Multiply and Divide by multiples of 10's, 100's, and 1000's mentally. • Develop problem solving skills. • Apply operations (+, -,X,÷) in their day to day life. **SKILLS:** Problem solving, critical thinking	https://youtu.be/C1pmSPRVZCg
2	May	Tests of Divisibility	Student learns to • Apply Divisibility test of 2, 3, 4, 5, 6, 9. • Develop Problem solving skills. • Apply Divisibility test of Large numbers i.e. 25, 11, 12, 15, 18.	https://youtu.be/7rISvFfuQ-g

			• Solve to various types of questions related to Divisibility. **SKILLS:** time management, construct logical arguments	

3	July	HCF and LCM	Student learns to
			• Differentiate between the Terms:
			  a) Factors and Multiples
			  b) Composite and Prime numbers.
			  c) HCF and LCM
			• List Multiples and Factors
			• Calculate HCF and LCM of 2 and 3 – digit numbers using Prime factorization and Long division method.
			• Solve word problems on relationship between HCF and LCM
			SKILLS: Analytical thinking , problem solving.
				https://youtu.be/KgZ-GbtCLu0
				
				https://youtu.be/A4Z7GahjFWc

4	August	Fractions	Student learns to • Find Equivalent fractions for the given Fraction. • Reduce Fraction to its lowest terms. • Compare and order different Fractions. • Adding and Subtracting Like and Unlike Fractions. • Multiply and Divide Fractions by Fraction or a whole number. **SKILLS:** Quantitative reasoning	https://youtu.be/bCRMuRHZO8w
		Decimals	Student learns to • Expand Decimal numbers	https://youtu.be/4F-XF-1a82I

			• Convert Decimal into Fractions or vice versa. • Add, Subtract, Multiply and Divide Decimals. • Multiply and Divide decimals by 10's, 100's and 1000's mentally. **SKILLS:** problem solving, critical thinking	
5	September	Percentage and Average	Student learns to • Convert Percentage into Decimals and Fractions or vice versa. • Find value of the percentage of given Quantity. • Find one Quantity as percentage of total Quantity. • Apply percentage in their day to day life. **SKILLS:** Intricate ideas, Analytical thinking	https://youtu.be/XGOMLR_4zD4 https://youtu.be/0wcUGKjMHss
6	October	Ratio, Proportion and Unitary method	Student learns to • Convert Ratio into Fraction or vice versa. • Find Equivalent Ratios. • Relate Extremes and Means of Proportions. • Develop Problem Solving Skills on Ratio and Proportion. **SKILLS:** Intellectual reasoning, Aesthetic skills	https://youtu.be/sE9P6PHSZRI
		Profit and Loss	Student learns to	https://youtu.be/tHF2bXCQ3y4

			• Find Profit and Loss for the given S.P. and C.P. • Apply Formulae for finding Profit and Loss percent. • Solve Word problems on Profit and Loss. • Apply Profit and Loss percent in their day to day life. **SKILLS:** Problem solving , Thinking capacity	
7	November	Preparing Bills	Student learns to • Check Bills for errors • Prepare Correct Bills for the given Data. • Read and Check Bills in their Daily life. **SKILLS:** Quantitative reasoning, Construct logical argument	https://youtu.be/omF69xP_qZM
		Symmetry Patterns and Nets	Student learns to • Draw symmetrical figures. • Find Lines of Symmetry for the given figures. • Observe and Complete different Patterns • Identify different view of solids (3-D figures). **SKILLS:** Power of imagination, observation	https://youtu.be/0xaHxE6lZOY
		Metric Measures	Student learns to • Convert Higher units into Lower units or vice versa. • Apply Different operations (+, -, X, ÷) on Metric measures.	https://youtu.be/Rqshlzrp7bU

			• Relate Standard unit to other unit. • Apply Metric measures in their Day to Day life **SKILLS:** Analytical thinking, Quantitative reasoning	
8	December	Time	Student learns to • Find number of days between two Dates. • Convert 12-Hour clock time into 24-Hour clock time or vice versa. • Apply four operations (+, -, X, ÷) involving time. • Find Time intervals between given times. **SKILLS:** Time management, critical thiking.	https://youtu.be/pqkO9qzZZ-Y
		Circles	Student learns to • Identify Parts of a Circle. • Construct Circle for the given Radius. • Find Circumference for the given radius of a Circle or vice versa. • Draw Concentric Circles for the given radii. **SKILLS:** Creativity , Observation	https://youtu.be/6TDsT0enyxs

9	January	Lines and Angles	Student learns to
			• Define and Draw
			  a) Point, Line Segment, A line
			  b) Parallel , Intersecting and Perpendicular lines.
				https://youtu.be/jSdWGcuDm5E

			c) Different type of angles. - Measure angles using Protractor. - Construct angles with a Protractor or Using Compass and Ruler. - Bisect Angles using Compass and Ruler. **SKILLS:** Creativity, Obsevation	
		Graphs	Student learns to - Read and understand Pictograph and Bar Graph. - Draw a pictograph or Bar graph for the given information. - Apply Bar graph in their day to day life - Answer questions for the given Bar graph and pictograph. **SKILLS:** power of imagination, analytical thinking	https://youtu.be/jSdWGcuDm5E