

KEY PERFORMANCE INDICATOR (GRADE VI: MATHEMATICS)

KPI NAME	KPI DEFINITION	WHERE ARE WE NOW?	KPI GOAL	KPI LIMIT	WHAT WE NEED TO DO?	HOW WILL IT BE ACHIEVED	KPI MEASUREMENT	REVIEW	KPI REPORTING	KPI ACHIEVEMENT	KPI IMPROVEMENT
1. Calculation Skills in Std.VI students	KPI-1 Improving calculation skills in performing basic operations and finding factors of numbers.	50% of the students are able to do calculations correctly but some of them get confused while calculating sums. As they were lacking in numeracy skill.	60%	±3%	1) We will explain divisibility rule and recall division of three-digit number by two-digit number. 2) We will memorize the multiplication tables to enhance calculation Skills.	1)By taking practice of division of three-digit number or two-digit number to get correct factors 2) By regular revision and test. 3)We will conduct games and puzzles based on numeracy skills	After class test /worksheet /activity	After completion of Lesson	End of Term One	----	----

Calculati on skill.	KPI 2 Improving calculation skills while calculating LCM and HCF	48% of the students are able to get correct LCM and HCF	58%	±2%	1) We will give more practice for application of divisibility rule of 4, 8 and 11. 2) To develop the concept of tables through repeated addition / multiplicatio n to enhance calculation skills. 3) We will devote more time to enhance their calculation skills in factorization by including more word problems based on LCM/ HCF.	1)By taking follow up of retention of divisibility rules. 2) We will take practice of finding product of given prime factors. 3) By providing practice sheet.	After class test / worksheet /activity	After completi on of Lesson	End of Term One	-----	-----
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Visualization Skills in Std. VI students	KPI - 3 Improving visualization skills in Basic geometrical ideas.	50% of the students are able to visualize the problems.	60%	±3%	1) We will continue the use of demonstration method (teaching with the help of available aids) in order to give them a clear understanding of the topic. 2) By giving different examples, we can make them understand the naming of angles using three letters.	1) Student will collect images where different kinds of angles are formed and also name them. 2) By giving practice of drawing and identifying sides, vertices, angles, adjacent sides, adjacent vertices of given polygon.	After class test / worksheet /activity	After completion of Lesson	End of Term One	----	----
Comprehension skill	KPI- 4 Enhance the ability to identify the problems based on Perimeter and Area.	50% of the students are able to identify whether to find perimeter or area after visualize the word problem.	60%	±3%	1) We will make students to visualize the word problem. 2) We will make students to understand the concept of perimeter or area in depth. 3) We will	1) By giving several examples where perimeter or area can be used. 2) Practice sheet will be given. 3) We will make students perform and engage with activities that are practical based like they will find the length and breadth of	Participation in classroom activities / class test	After completion of Lesson	End of Term One	-----	-

					make students to recognize daily life examples of perimeter and area.	different things which are available in the classroom only like their different subject books, etc. and then find the perimeter and area of respective things. 4) By giving assignments.					
Comprehension Skills in Std. VI students	KPI 5 To inculcate comprehension skills while dealing with Fractions.	60% of the students are able to add and subtract unlike fractions correctly.	70%	±3%	1) We will make students practice for LCM and helped them recall their previous knowledge regarding the topic. 2) We will make students practice some basic Maths (revision of tables) for them to be able to perform LCM and simplification of fractions. 3) Converting improper	1) Students will be asked to make coloured paper strip to understand parts of a whole and compare different fractions and tell which is greater. 2) By conducting activity of Fraction Flower. 3) Worksheets can be given. 4) By asking students to prepare questions on the particular topic.	Participation in classroom activities / class test	After completion of Lesson	End of Term One	-----	-----

					fractions into mixed fractions and vice versa will be done in class at regular interval.						
Application skills	KPI 5 Enhancing application skills while adding and subtracting fractions.	52 % of the students were able to apply sign rules.	60%	±3%	1) We will ask students to apply signing rule while adding and subtracting integers.	1) Regular revision of signing rule will be taken 2) Revision of converting different denominators into same denominators will be taken. 3) By organizing doubt clear session. 4) By giving opportunity for clearing their doubts through peer learning. 5) By providing practice sheet. 6) By conducting activities. 7) By conducting class test. 8) By organizing discussion on students' performance in	After class test / worksheet /planned activity	After completing the chapter	End of every term	-----	-----

						class test and in assignments					
Application Skills in Std. VI students	KPI 6 To enhance Application skills especially while applying sign rules.	45% of the students are able to apply sign rules correctly.	55%	±3%	1) We will make the students to write integers for given statements such as 200m above the sea level or 150m below the sea level. 2) We will explain sign rule with different examples along with DMAS rule. 3) We will explain application of sign rules while opening the bracket with examples.	1) Activity such as to listing the situations where integers will be used and to write corresponding integers will be conducted. (Such as walk 2km toward west or loss of Rs350 will be taken.) 2) Practice of application-based questions will be explained in the class. 3) Activity to make signing rule chart will be conducted. 4) Practice sheet /assignment and MCQ test followed by discussion, will be given to assess the learning.	After MCQ test/ assignment	After completion of Lesson	End of Term One	-----	-----