

**KEY PERFORMANCE INDICATOR (GRADE VII : MATHEMATICS)**

<b>KPI NAME</b>	<b>KPI DEFINITION</b>	<b>WHERE ARE WE NOW?</b>	<b>KPI GOAL</b>	<b>KPI LIMIT</b>	<b>WHAT WE NEED TO DO?</b>	<b>HOW WILL IT BE ACHIEVED</b>	<b>KPI MEASUREMENT</b>	<b>REVIEW</b>	<b>KPI REPORTING</b>	<b>KPI ACHIEVEMENT</b>	<b>KPI IMPROVEMENT</b>
1. Calculation Skills in Class VII students	<b>KPI-1</b> Improving calculation skill	45% OF Students can add and subtract integers using a number line with guidance but cannot do so without a number line.	55%	±3%	Teacher shall encourage the students to add/subtract integers by clearing the concept of properties of integers.	Teacher will prepare the comprehensive worksheets of the unit.	After class test /worksheet /activity	After completion of Lesson	End of Term One	----	----
2. Computation skill in Class VII students	<b>KPI 2</b> Improving computation skill	48% students were able to add and subtract fractions with guidance of teacher And perform division of decimals, understand word problems with division of decimals	55%	±2%	Teacher shall encourage the students to add/subtract fractions by clearing the concept of properties of fractions	Teacher shall encourage the students to use the concept of fraction as an operator	After class test / worksheet /activity	After completion of Lesson	End of Term One	----	----

3. Representation Skills in Class VII students	<b>KPI - 3</b> Improving calculation skill of selecting proper scale	50% of the students are able to select proper scale.	60%	±3%	1) Make the student to practice more questions based on selection of scale of bar graph 2) Give idea of finding value of one division along axes.	By conducting activity – To collect data of heights of students in their class and representing the data using bar graph using appropriate scale.	After class test / worksheet /activity	After completion of Lesson	End of Term One	----	----
4. Problem faced in analyzing skills	<b>KPI - 4</b> Enhance the ability to analyse and frame an algebraic equation and expressions	50% Is able to differentiate between like and unlike terms and is able to express words into expressions with help of manipulative and lot of guidances	60%	±3%	1) We will make students to visualize the word problem. 2) We will make students to understand the concept of variable and constants	1) Teacher shall encourage the students to find the value of an expression by substituting the value of a given variable. 2) Teacher shall encourage the students to analyze the statement and form the equation. Further the students will recall degree, variable and equation.	Participation in classroom activities / class test	After completion of Lesson	End of Term One	----	----
5. Problem faced in visualizing skills	<b>KPI 5</b> Students will be able to enhance their	50% Can apply the properties of angles made by a transversal with parallel lines, with	60%	±3%	Students name different types of angles and pair of angles	Students will solve the worksheet given to them and note down their answers. Teacher	Participation in classroom activities / class test	After completion of Lesson	End of Term One	----	----

	visualizing skill	accuracy.			in nature. Identify the pairs of parallel lines and mark the different types of angles	shall discuss answers to check for understanding of adjacent, vertically opposite, complementary and supplementary pair of angles.					
6. Application Skills in Class VII students	<b>KPI 6</b> To enhance Application skills.	45% of students Can verify and apply angle sum property of a triangle  They Can understand and apply exterior angle property of a triangle with a lot of guidance.	55%	±3%	Teacher shall encourage the students to apply the concept of exterior angle property of a triangle and angle sum property of triangle.	This is a worksheet to make students understand the angle sum property of a triangle. Through this inductive activity teacher will introduce the angle sum property of a triangle through paper folding and otherwise	After MCQ test/ assignment	After completion of Lesson	End of Term One	----	----