

**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><br>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><br>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      | ----                   | ----                   |

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| 3.<br>Representation Skills in Class VII students | <b>KPI - 3</b><br>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<br>2) Give idea of finding value of one division along axes. | By conducting activity –<br>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.<br>Problem faced in analyzing skills           | <b>KPI - 4</b><br>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.<br>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.<br>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.<br>Problem faced in visualizing skills         | <b>KPI 5</b><br>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 | ---- | ---- |

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|   | 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><br>To enhance Application skills. | 45% of students Can verify and apply angle sum property of a triangle<br><br>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 | ---- | ---- |