ANNUAL PEDAGOGICAL PLAN (GRADE : VII MATHEMATICS)

Sr. No.	What are the problems	Compilation of problems	Categorization of Problems (Subjective & Behavioral)
1) Integers	1) Students have been observed to mix up the sign rules of integers and make mistake while applying arithmetical operations on it.	Computation weakness	**Subjective**: Some students make mistakes with the signing rules because of lack of practice, clear understanding and hence make mistakes in application **Behavioral**: Students were taught sign rules of integers but still committed mistakes because of lack of practice.
2) Fraction and decimals	1) Student cannot add and subtract fractions with unlike denominators 2) Cannot visualize multiplication of fractions through patterns as well as cannot relate it to frame a rule to multiply fractions. 3) Cannot perform division of decimals; understand word problems with division of decimals.	Computation weakness	**Subjective**: Some students make mistakes with the LCM rules because of lack of practice, clear understanding and hence make mistakes in application **Behavioral**: Students were taught addition and subtraction of Fractions but still committed mistakes because of lack of practice.
3) Data Handling	1. While calculating median forgot to arrange in ascending order. 2. While calculating median of even numbers forgot to take median of	Lack of Application skill.	**Subjective**: While calculating median forgot to arrange in ascending order and to take mean of two

	two terms. 3. Students find this chapter easy so take is casually.		terms found difficult. **Behavioral**: Casual behavior of students.
4) Simple Equations.	1) Does not possess any knowledge of the concept of like and unlike terms and unable to express words into expressions. 2) Does not possess any understanding of word problems and cannot form an equation for the same.	Problem faced in analyzing skills	**Subjective**: Does not possess any knowledge of the concept of like and unlike terms and unable to express words into expressions. **Behavioral**: Has knowledge of basic operations but cannot apply it with accuracy
5) Lines And Angles	1) Students unable to understand the concept of linear pair 2) they find difficulty in recognizing vertically opposite angles 3) Unable to locate adjacent angles and adjacent sides	Problem faced in visualizing skills	**Subjective :** Some students experienced confusion in types of angles and pair of angles **Behavioral:** Because of lack of clarity and attentiveness.
6) The triangles and its properties	1) Does not possess any understanding of angle sum property of a triangle. 2) Does not possess any knowledge of the concept of exterior angle of a triangle. 3) Does not possess any understanding of Pythagoras theorem for a right angled triangle	Lack of Understanding and application skills	**Subjective :** Some students experienced confusion in application of angle sum property, exterior angle property **Behavioral:** Because of lack of clarity and attentiveness.