**Lesson Plan: Word Problems**

**Persepolis**

**Objectives:**

* To decode and solve a question given as text (word problem).
* To develop comfort and skill to solve word problems.
* Understand the concept of Unitary method and apply it.

**Teacher’s activity:**

* Recall the use of bar models to solve word problems and encourage children to solve simple word problems using bar diagrams.
* With the help of games let children frame word questions.

Ex: Draw random numbers on the floor.

Each child has to move from number to the other by telling aloud a mathematically correct statement.

 If the child is on 6 and has to move to 13, she can make the statement: “I need seven more to go to the next number”.

If the child is on 4 and has to move to 12, he could make the statement: “I need to go to a number that is 3 times my number”.

* Slowly move to solve complex word problems.
* Using bar models, explore unitary method. Follow it up with exercise questions and worksheets.

**Lesson Plan: Playing with Numbers**

**Class: Persepolis**

**Objectives:**

* Identify prime and composite numbers.
* Find factors of number.
* Use divisibility rules.
* Understand and apply HCF and LCM.

**Teacher’s Activity:**

* Through discussions help students differentiate between prime and composite numbers. Follow it up with worksheets to reinforce the concept.
* Introduce prime factorization. Solve exercise questions to find factors of a given number.
* With the help of games, help children explore divisibility rules. Follow it up exercise or worksheets.
* Introduce the terms HCF and LCM and their uses. Help students to solve word questions.