

Class – VI

Lesson Plan (2023-24)

Subject- Mathematics

Topic: Knowing number

KPI 1 Definition :- To improve the calculation skills and understanding among students about system of numeration (Indian and international)

Brief Description of the lesson:

Recall of content learnt in previous class. Comprehending and understanding numbers, comparing and ordering of numbers, representing more than 4- digit numbers in Indian and International place value system, extending the four basic operations to large numbers, word problems related to real situations (based on the four operations), order of operation.

I - Specific Objectives:

To enable students to

- S1.** Demonstrate knowledge of representing numbers. **(K)**
- S2.** Explore the importance of place value. Read and write numbers (more than 5 digits) in Indian and the International system. **(Appl.)**
- S3.** Compare numbers and order them in ascending and descending order applying knowledge of place value. **(U)**
- S4.** Perform the four basic operations of arithmetic extending his/her knowledge of the four basic operations, and compute fluently with and without using manipulative. **(U)**
- S5.** Apply the knowledge acquired to word problems - **A (Executing)**

II - Behavioural Objectives:

- B1.** To apply the knowledge of ordering numbers in real life. **(Executing)**
- B2.** To understand the concept of greatest and smallest number. **(Executing)**

Process /Activities:

A1: Students will explore the history of numbers down the civilizations.

A2: Prepare a math dictionary of all the words learnt.

Assessment:

Assessment will be done on the basis of assignment / practice sheet / planned activity

Expected learning outcome:

Student would be able to

- 1) Recognize place of a digit and able to write place value of a number. **K (Recognizing)**
- 2) After arranging digits according to the rule, insert commas correctly. **K (Recalling)**
- 3) Compare two or more numbers and order them in ascending or descending order by applying knowledge of place value. **(U) (Comparing)**
- 4) Deal with daily life situation where Mathematical operations would be needed (word problems) **(Executing)**

Placement of Objectives, Instructional Activities and Assessment

TOPIC/START DATE/ASSESSMENT

KNOWLEDGE	UNDERSTANDING	APPLICATION	ANALYSIS	SYNTHESIS	EVALUATION
S1	S3 S4	S2 S5 B1 B2			