

ACTIVITY NO. - 1

Subject	MATHEMATICS
Class	VI
Chapter/Unit	Knowing Our Numbers
Topic	Large Numbers and Estimation
Time	30 minutes
Nature of Activity	Group

What will I learn (Learning outcome)?

To create the largest 5-digit number using different digits and estimate it by rounding off to the nearest thousands.

Skills:- Creating , Visualizing, Comparing, Accuracy

What I have to do?

To create the largest 5-digit number using different digits and estimate it by rounding off to the nearest thousands by playway method.

What do I require?

Number cards and Place value mat.

What do I need to know?

Place Value System, Comparison and Concept of Estimation.

➤ Teacher's Activity

Teacher will

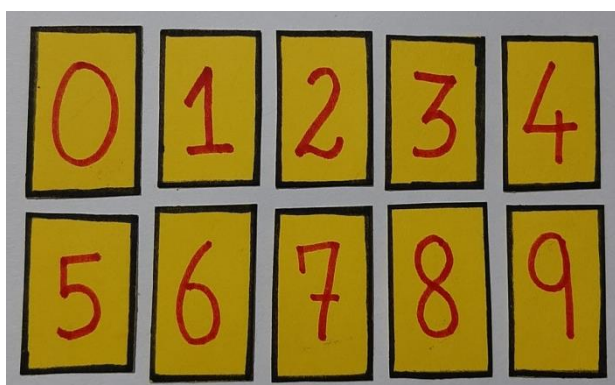
- enable students to recall place value system, comparison and concept of estimation.
- make pairs of the students (say student A and student B) and will explain the steps of the activity.

How will I proceed?

➤ Student's Activity

- Shuffle all the number cards (0 to 9).

Number Cards



Place Value Mat



- Without observing the digits, student A takes out 5 cards randomly from the deck of cards and place them on the place value mat as per his/her choice.
- Student B follows the same procedure and gets the number.
- Now, both the students will compare their numbers and whoever gets the larger number, will be the winner.
- Then, the activity will be extended where student A and student B will round off the numbers obtained to the nearest thousand.
- Again, both the students will compare their estimated numbers and whoever gets the larger number, will be the winner.

What have I observed?

- A 5-digit number obtained by student A is _____.
- A 5-digit number obtained by student B is _____.
- Who obtained the larger number? _____
- Estimated number obtained by student A (to the nearest thousands) _____.
- Estimated number obtained by student B (to the nearest thousands) _____.
- Who was the winner after rounding off to the nearest thousands?

What have I learnt?

To create the _____ 5-digit number using different digits and estimate it by rounding off to the nearest _____.

What am I curious to know?

Create the largest 7-digit number using different digits and estimate it by rounding off to the nearest ten thousands.

Let me evaluate myself

1. Compare the following using appropriate sign:

- 99,999 _____ 10,000
- 10,001 _____ ten thousand one
- 34,567 _____ 34,576
- 45,689 _____ 45,689
- Five thousand eleven _____ 5,001

2. Estimate each of the following using general rule:

- 67,845 – 56,790

- 3451 x 29

3. A mobile number consists of ten digits. The first four digits of the number are 9, 9, 8 and 7; the last three digits are 3, 5 and 5 and the remaining digits are distinct. Make the mobile number, the greatest possible number and what are these digits?

4. A factory produced 59,805 bulbs in the month of April and 74,008 bulbs in the month of May. Estimate the increase in the production of the bulbs by rounding off each to the nearest thousands.

5. Find the difference between the greatest 5-digit number and smallest 5-digit number that can be written by using only one digit twice from 6, 3, 0, 2.
