

ACTIVITY NO. – 2 FUN WITH NUMBERS

SUBJECT	MATHEMATICS
CLASS	III
CHAPTER/UNIT	FUN WITH NUMBERS
TOPIC	STANDARD FORM
TIME	20 MINUTES
NATURE OF ACTIVITY	INDIVIDUAL

What will I learn (Learning Outcome)?

The students will be able to deduce standard form of a number from its expanded form through paper folding activity

Skills : Understanding, Applying, Critical thinking

What I have to do ?

To compute short form of any 3 or 4 – digit number from its expanded form.

What do I require?

Paper strip of size 8 cm × 2 cm , sketch pens and glue stick.

What do I need to know?

Expanded form of any number.

➤ Teacher's Activity :

The teacher will conduct a brainstorming session by taking some random numbers and recall the expanded form of any number.

How will I proceed?

➤ Student's Activity :

- 1) Write the expanded form of any four/three digit number on the paper strip.
- 2) Fold the paper strip in such a way that only the face value of all four/three digits is visible.

- 3) When the paper strip is completely folded it gives the standard form of the number as shown in Fig no. 1.



(Fig no. 1)

- 4) When the paper strip is unfolded the expanded form of the number can be seen as shown in Fig no. 2.



(Fig no. 2)

What have I observed?

My Number: _____ Its Expanded Form : _____

What have I learnt? :

Sum of the place values of digits in a given number gives the expanded form of the number and all the face values of the digits in the expanded form gives the standard form of the number.

What am I curious to know?

Can I perform the same activity by taking my school admission number?

Let me evaluate myself

Q1) Match the following.



(a) $400 + 50 + 2$

(b) $500 + 70 + 4$

(c) $100 + 90 + 6$

(d) $700 + 0 + 3$

(e) $8000 + 700 + 6$

(f) $1000 + 400 + 50 + 8$



(i) 196

(ii) 1458

(iii) 703

(iv) 8706

(v) 574

(vi) 452

Q2) Write the expanded form of the following numbers.

(a) $2567 =$ _____

(b) $1805 =$ _____

(c) $9856 =$ _____

(d) $2056 =$ _____

(e) $9270 =$ _____

(f) $458 =$ _____