



Vol – 4  
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## Club Newslines

Primary Department  
Pusa Road Campus

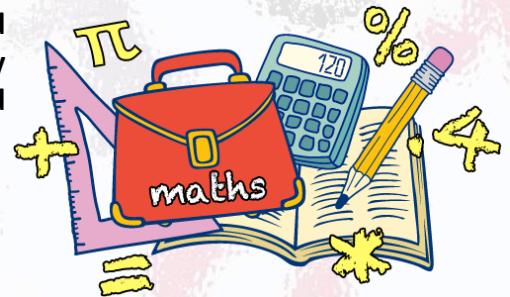
# Numero Mania

### EDITORIAL

Mathematics plays a major role in a child's development and helps children make sense of the world around them. Mathematics is a fundamental part of human thought and logic. It provides an effective way of building mental discipline and encourages logical reasoning and mental rigor. In addition, mathematical knowledge plays a crucial role in understanding the content of other school subjects such as Science, Social Studies, and even Music and Art. The club 'Numero Mania' provides a platform to our young and inquisitive learners to explore Maths by various activities.

Hands-on learning of mathematics connects theory and practice while reinforcing practical applications. The curiosity and creativity they develop help sustain attention, grit and perseverance to attend to problems and work out solutions.

Club Masters  
Purvasha Jain  
Anjali Grover



## ACTIVITIES AT A GLANCE

### OPEN AND CLOSED FIGURES

In the club activity conducted on 25.04.19 the students explored the geometrical concept of open and closed figures by creating two dimensional figures using simple material like toothpicks and pieces of wool.





## **FUN WITH SHAPES**

The students explored the world of shapes on 25.07.19 by making 2D and 3D shapes to understand the spatial difference between them. This hands-on activity using clay and toothpicks made them comfortable with an abstract concept.



## **PIZZA TIME**

Pizza is everyone's favourite and relating it to a difficult topic like fractions makes it fun & easier to understand. In the activity conducted on 29.08.19, the students observed and measured fractions as half, one-fourth, three-fourth on the cutouts of pizzas.



## **MATHEMATICAL BOARD GAME**



Students enjoyed making their own Board Games on 26.09.19 which helped them recapitulate and use their prior mathematical operations knowledge. They applied logical thinking skills in an interesting way.





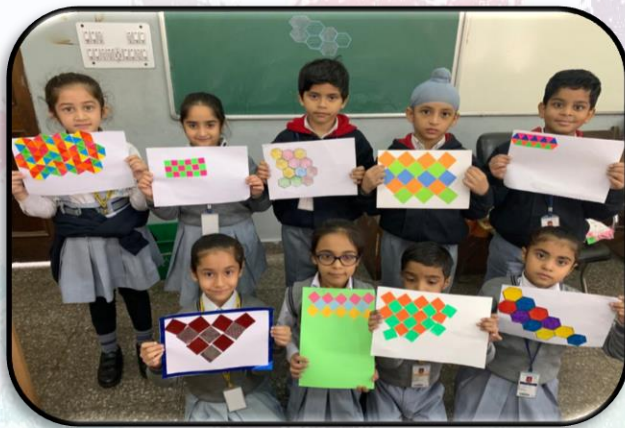


## **CASH MEMO**

All have seen and received a cash memo from the market, but this activity organized on 24.10.19 gave children an opportunity to generate a cash memo, helping them understand the relevance of studying money and relating the concept with daily life.

## **TESSELLATION PATTERN**

Creativity has no boundaries, so the students got a platform to showcase it, on 28.11.19 by creating tessellation patterns using different colourful polygon cutouts. They logically placed the shapes in order to create creative patterns.



## **MY SCHOOL PLANNER**

Having a schedule is important, hence students were taught to make a timetable for themselves on 30.01.20. This activity highlighted the need to be organized and exposed them to a simple tool for incorporating all important things in a fixed time frame.

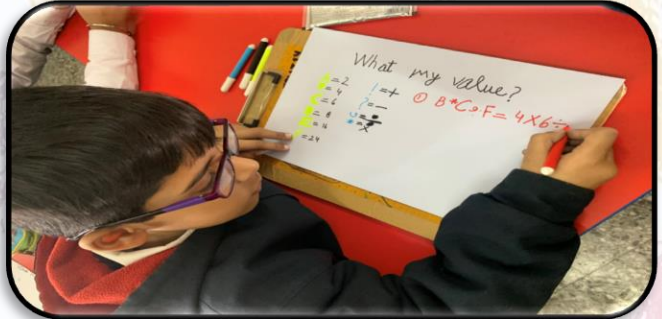
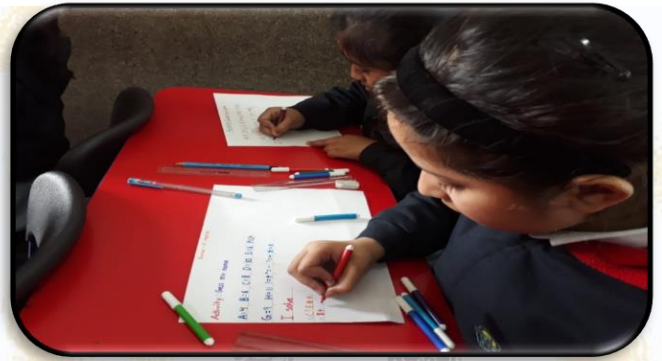




## GUESS MY VALUE



Activity held on 20.02.20 aimed at enhancing students' logic and inference power. The students were given various shape patterns and combinations in which each shape was assigned different numerical value. They then calculated values of different terms and patterns using mathematical operations.



### What parents feel ...

The Club activities that are held from time to time at BBPS is indeed a great step by the school. The best part is that apart from reading from the books, the kids are learning the concepts by self doing. For instance, an activity of open - closed figures organised by the Numero Mania Club, made my child well - versed with the concept. She can now easily identify the open figures and closed figures even from the near surroundings. I really appreciate this methodology of learning as I feel it leads to a long-lasting concept clarity and discourages rote learning.

*Bharti Bhatia M/o Asmi Bhatia (II F)*

The club Numero Mania focuses on teaching Maths in a fun way. My child understood the concept of fractions and was inspired by the way it was taught using pizza cutouts.

*Renu Verma M/o Navya Verma (III H)*

## Cool Math Trick!

**STEP 1:** Think of a number

**STEP 2:** Multiply it by 3

**STEP 3:** Add 6

**STEP 4:** Divide by 3.

**STEP 5:** Subtract the number chosen in Step 1 from your answer in Step 4.

And the **ANSWER IS** . . . . .



## Multiplication Tips & Tricks

- 0 The answer is always 0
- 1 It is the same number
- 2 Double the number
- 3 Double and add the number again
- 4 Double the number twice
- 5 Skip count by 5's
- 6 Multiply by 5, add a group
- 7 Multiply by 5, add a double
- 8 Double, double, double
- 9 Use the hand trick
- 10 Add a 0 to the number