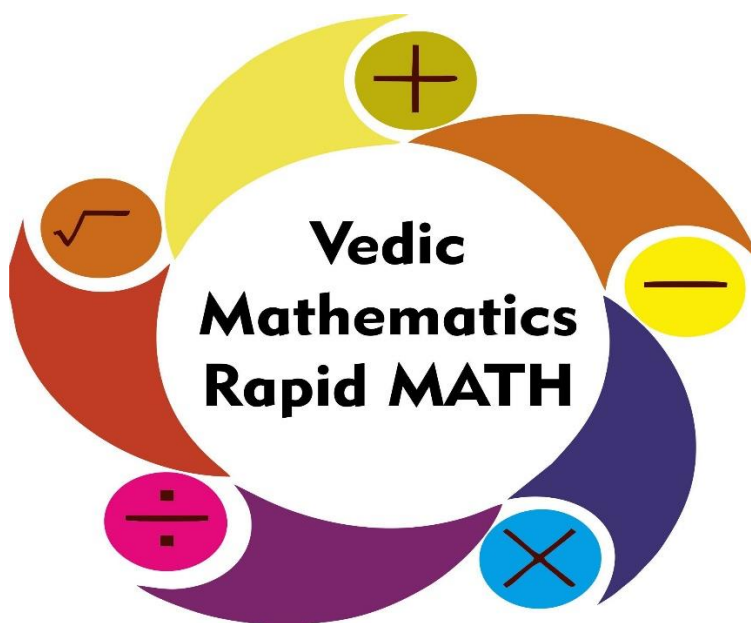




THE BISHOP'S CO-ED SCHOOL, UNDRI

REPORT ON VEDIC MATH SESSION CONDUCTED
FOR THE STUDENTS (CLASS VI - X)

"Without mathematics, there's nothing you can do. Everything around you is mathematics. Everything around you is numbers." — Shakuntala Devi



The Bishop's Co-Ed School, Undri, organized Vedic Math sessions for the students of the Middle and Senior School for the academic year 2023-24, in collaboration with (ELE) Experiential Learning Activities, to provide a supportive environment for the students interested in learning Vedic Math. ELE was established by Ms. Amruta Kamble, in 2018, with a vision of providing a hassle-free and hands-on learning experience to the students. She and her team have conducted over 300+ activities with The Bishop's School, since 2018. The resource person for Vedic Math session is Mrs. Abhilasha Rane, who is also a faculty member of ELE. She has completed her M.Sc. in Mathematics and has also completed her B.Ed. She has been teaching Vedic Math for the last 20 years.

The Vedic math sessions expose the children to ancient yet efficient ways to work through their problem-solving skills in mathematics. These techniques were used during the golden era of India when knowledge thrived under able rulers. The second term session began on 14th September, 2023 for beginners batch and 15th September, 2023 for the advanced batch , through the Online medium via Google meet sessions. The last session was conducted on 8th February, 2024 for beginners' batch and 15th January, 2024 for the advanced batch. A total of 32 students from the Middle and Senior School continued for the second term sessions. The sessions for Beginners are conducted usually on Thursdays and the Advanced sessions are conducted on Fridays and Saturdays at 4pm in the evening.

For beginners' batch, few concepts covered in the second term sessions were:

- Complement numbers.
- Multiplication with 99, 999, 9999
- Multiplication of numbers below and above the base number
- Multiplication below and above the working base
- Multiplication by 22, 33,88
- Multiplication by 12, 13.....19.

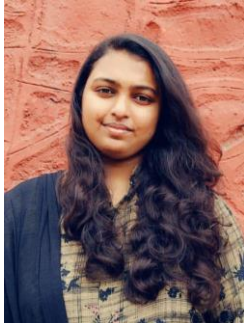
For advanced batch, a few concepts covered were:

- 4th power of a number
- Square roots of perfect square
- Cube roots of perfect cubes
- Algebraic multiplication
- Squaring algebraic expressions
- Cubing algebraic expressions
- Day prediction
- Vertical and cross method (4 and 5 digit)

Mrs. Rane, worked with the students effectively with enough practice and homework to enhance the learning experience of the students. A few students also took part in the Science Day Exhibition, held on 8th and 9th February, 2024 where they showcased their attained knowledge. These sessions give an extra advantage to the students in their academics as well as for various competitive exams.

Overall, it has been a great learning experience for all the MIDDLE SCHOOL and SENIOR SCHOOL students.

Report by:



Ms. Salma Shaikh



SHOWCASING NUMBER TALENT.



STUDENTS ATTENDING CLASS WITH ZEST.

37)
$$\begin{array}{r} 12442 \\ \times 22 \\ \hline 24884 \\ 248840 \\ \hline 273724 \end{array} > 5$$

38)
$$\begin{array}{r} 070850 \\ \times 12 \\ \hline 141700 \\ 1417000 \\ \hline 850200 \end{array} > 6$$

Shoubhit

Abhilasha is presenting

13)
$$\begin{array}{r} 52 \\ \times 52 \\ \hline 104 \\ 2600 \\ \hline 2704 \end{array}$$

14)
$$\begin{array}{r} 57 \\ \times 57 \\ \hline 114 \\ 3150 \\ \hline 3249 \end{array}$$

15)
$$\begin{array}{r} 57 \\ \times 57 \\ \hline 114 \\ 3150 \\ \hline 3249 \end{array}$$

amatullah

Abhilasha is presenting

TRICKS AND TRAITS.

13)
$$\begin{array}{r} 52 \\ \times 52 \\ \hline 104 \\ 2600 \\ \hline 2704 \end{array}$$

14)
$$\begin{array}{r} 57 \\ \times 57 \\ \hline 114 \\ 3150 \\ \hline 3249 \end{array}$$

15)
$$\begin{array}{r} 57 \\ \times 57 \\ \hline 114 \\ 3150 \\ \hline 3249 \end{array}$$

3rd dash = 4th dash - 1
1st dash = 9 - 3rd dash

amatullah

Abhilasha is presenting

Revision

1)
$$\begin{array}{r} 367 \\ \times 367 \\ \hline 2269 \\ 22690 \\ 110220 \\ \hline 134689 \end{array}$$

2)
$$\begin{array}{r} 00123 \\ \times 00123 \\ \hline 369 \\ 2460 \\ 12300 \\ \hline 15129 \end{array}$$

3)
$$\begin{array}{r} 7482 \\ \times 11 \\ \hline 7482 \\ 74820 \\ \hline 82302 \end{array}$$

4)
$$\begin{array}{r} 403599 \\ \times 11 \\ \hline 403599 \\ 4035990 \\ \hline 4439589 \end{array}$$

amatullah

Abhilasha is presenting