



THE BISHOP'S CO-ED SCHOOL UNDRI
REPORT ON VEDIC MATH SESSION CONDUCTED
FOR THE STUDENTS.

'Mathematics is, in its own way, the poetry of logical ideas'..... Albert Einstein

The Bishop's Co-Ed School Undri, organized Vedic Math sessions for the children 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 is an organization which conducts hands-on learning activities, for school children of age group 4 – 16 years. Vedic Math is a collection of methods to solve numerical computations quickly with less calculations. 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. Ms. Amruta Kamble and her team has conducted over 300+ activities with The Bishop's School since 2018. The resource person for Vedic Math session is Mrs. Abhilasha Rane, who is 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 past 20 years.

This year ELE has introduced the Advanced Vedic Math session for the students who have completed level 1 in 2022-23. We also have the Beginners batch for the newly enrolled students. The first session was conducted on 6th July 2023, through the Online medium via Google meet session. Eight sessions for Beginners and Advanced Vedic Math have been conducted for the students till date.

A total of 32 students from the Middle and Senior School have enrolled for the Vedic Math class. The sessions for Beginners are conducted usually on Thursdays and the Advanced sessions are conducted on Fridays and Saturdays in the evening at 4pm.

Mrs. Abhilasha Rane, uses techniques and tricks that they could employ to make their calculations faster and accurate, whether it is finding the cube root or multiplication of big numbers. The students thoroughly enjoy the techniques of speedy calculation through a series of fun activities. She gives various examples and in-hand practice to the students to grasp the tricks spontaneously. After every session, Mrs. Rane gives sufficient assignments in the form of worksheets to the students. The students enjoy the techniques of fast calculation and actively participate in the class with zeal and enthusiasm. As per the feedback from the students, the techniques taught during the lecture has helped the students to do their calculations quickly and accurately.

We hope that the students will benefit from the upcoming sessions, not only in academics but also for various competitive exams.



REPORT BY: Ms. Liji Joy

Middle School Asst. Teacher

Multiplication of any number by 99, 999, 9999 ---- (Type 1, 2)

01] 17 x 99	02] 49 x 99	03] 63 x 99	04] 11 x 99	05] 34 x 99
06] 27 x 999	07] 421 x 999	08] 367 x 999	09] 841 x 999	10] 998 x 999
11] 1256 x 9999	12] 7025 x 9999	13] 8249 x 9999	14] 6750 x 9999	15] 4060 x 9999
16] 75102 x 99999	17] 16098 x 99999	18] 10589 x 99999	19] 37046 x 99999	20] 11111 x 99999
21] 12 x 99	22] 33 x 99	23] 44 x 99	24] 55 x 99	25] 66 x 99
26] 47 x 9999	27] 473 x 99999	28] 69 x 99999	29] 5396 x 99999	30] 121 x 99999
31] 135 x 9999	32] 4.06 x 9999	33] 0.43 x 9999	34] 0.5863 x 99999	35] 0.0031 x 99999
36] 77 x 99	37] 88 x 99	38] 99 x 99	39] 423.86 x 999999	40] 204.96 x 999999
41] 72.526 x 999999	42] 71235 x 999999	43] 3654 x 999999	44] 8.75 x 9.99	45] 0.0772 x 99.9
46] 284 x 999999	47] 1234 x 9999	48] 123 x 999	49] 12 x 999	50] 123 x 99999

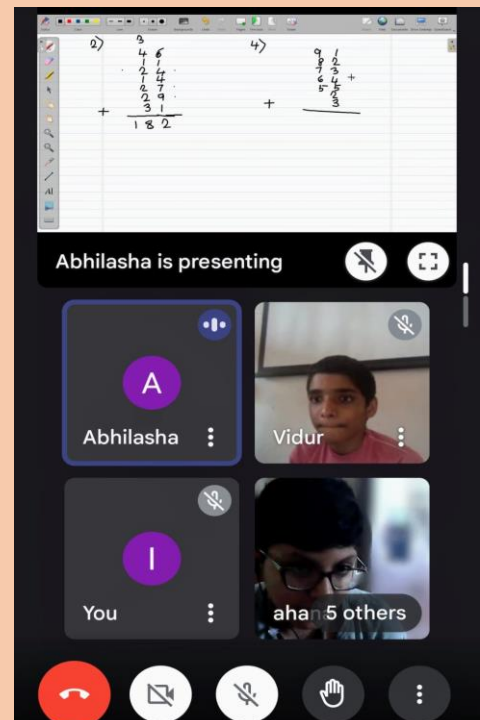
Abhilasha Rane's Screen

Multiplication of any number by 11 (Multiply the given numbers by 11 using vedic method)

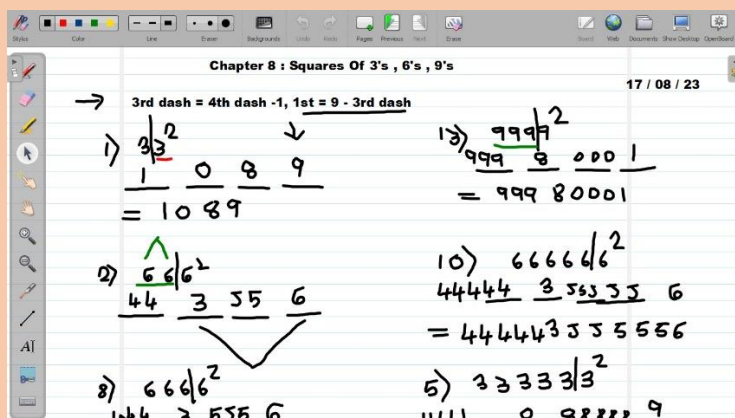
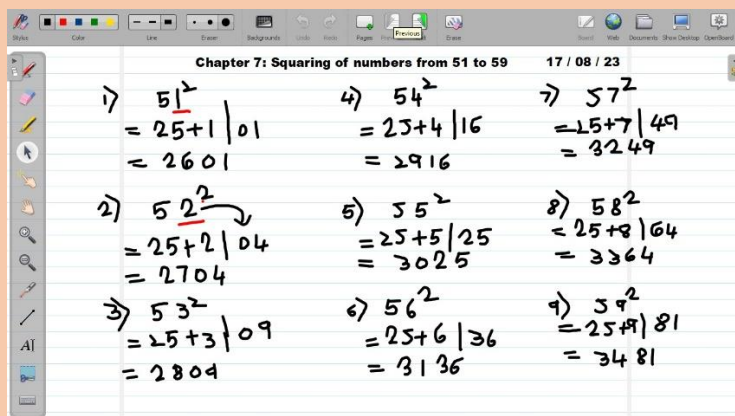
Handwritten calculation:

$$\begin{array}{r} 27 \\ \times 99 \\ \hline 2673 \end{array}$$

MRS. ABHILASHA RANE CONDUCTING THE GOOGLE MEET SESSION.



STUDENTS ATTENDING THE VEDIC MATH SESSION VIA GOOGLE MEET.



TIPS AND TRICKS OF VEDIC MATHS TAUGHT DURING THE SESSION.