



Bal Bharati

PUBLIC SCHOOL

M A N E S A R

REPORT

ACTIVITY- MATHS CLUB

1. Date & Time of the Workshop: 6th July, 10:00 AM- 11:15 AM
2. Venue: CLASSROOM (IXA)
3. Organizer: Maths Club
4. Teacher in-charge: Mr.Harpal Singh
5. Attended by (no. of students, with class & section):- 20 students of Maths Club VI-XI
6. Activity Name – To do calculation without pen and paper.
7. Key highlights / main points – Vedic Maths is a powerful system of mathematical techniques derived from ancient Indian scriptures that enables efficient and accurate problem solving. Vedic Mathematics encompasses a wide range of techniques that simplify complex calculations and provide alternative approaches to conventional methods. During this session some tricks of vedic maths have been discussed with students. Squaring a number ending with digit 5, multiplication using common base have been discussed with students.
8. Feedback (student /staff):
The students thoroughly enjoyed the session, it was an interactive and informative session as a whole. This session surely gave a lot of insight about the Maths club and help students to do the calculation in a better way.

Date of Report Submission: 13th July, 2024

Glimpses of the workshop-workshop-



$$\begin{array}{r}
 102 \\
 112 \\
 \hline
 114 \quad 24 \\
 = 11424
 \end{array}$$

102 is 2 above 100
 112 is 12 above 100
 $114 = 102 + 12$ or $112 + 2$
 think "crosswise"
 $24 = 2 \times 12$
 think "vertically"

$$\begin{array}{r}
 (3+1) \\
 4 \cancel{3} 5 \\
 \times 3 \ 5 \\
 \hline
 12 \ 25
 \end{array}$$

$$\begin{array}{c}
 5 \times 5 = 25 \\
 \text{---} \\
 35^2 = 12 \ 25 \\
 \text{---} \\
 3 \times 4 = 12
 \end{array}$$