MATH-FEED

EXPLORING THE WONDERS OF VEDIC MATHEMATICS
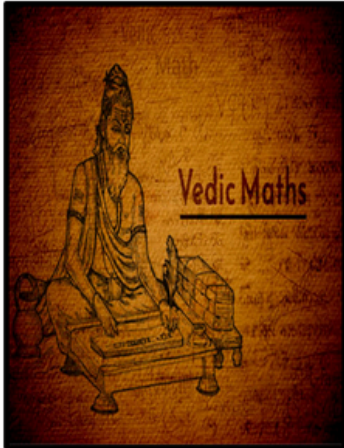
Vedic Mathematics has its origin in the Vedas. Vedic mathematics is a collection of sixteen beautiful formulae from the Vedas, discovered by His Holiness, Jagadguru Sankaracharya Sri Bharati Krishna Tirthaji Maharaj.

The original source of Vedic mathematics is the Atharva Veda and all the sutras and sub-sutras were rediscovered by Swamiji between 1911 and 1918.

IMPORTANT OF VEDIC MATHEMATICS

- ✓ It is truly unconventional and lucid in its methodology.
- ✓ Within seconds it helps to carry out tedious and cumbersome branches of mathematical calculations from different branches of mathematics.
- ✓ It converts maths into a playful and joyful activity.
- ✓ It reduces the "maths-phobia" many suffer from.

WHAT IS THE USE OF VEDIC MATHEMATICS WHEN CALCULATORS ARE AVAILABLE?

- ✓ While calculating with a calculator, our involvement in the process in nil. This is highly dangerous in the long run, as we lose our ability to calculate in our daily life and our ability to think is also affected.
- ✓ Vedic mathematics emphasizes on mental calculations and this keeps our brain fit and sensitive.

THE 16 VEDIC SUTRAS			
1. Ekadhikena Purvena By one more than the previous one.	**2. Nikhilam Navatascaramam Dasatah** All from nine and last from ten.	**3. Urdhva Tiryagbhyam** Vertically and crosswise.	**4. Paravartya Yojayet** Transpose and Apply.
5. Sunyam Samyasamuccaye The summation is equal to zero.	**6. Anurupye Sunyamanyat** If one is the ratio, other one is zero.	**7. Sankalana-Vyavakalanabhym** By addition and subtraction.	**8.Puranapuranabhyam** By completion and non-completion.
9. Calana-Kalanabhyam Sequential motion.	**10. Yavadunam** The deficiency.	**11.Vyastisamastih** Whole as one and one as whole.	**12. Sesanyankena Caramena** Remainder by last digit.
13.Sopantyadvaya mantyam Ultimate and twice the penultimate.	**14. Ekanyunena Purvena** By one less than the previous one.	**15.Gunitasamuccayah** The whole product is same.	**16.Gunakasamuccayah** Collectivity of multipliers.

ACTIVITY

VISIT TO HOLY FAMILY CONVENT BOARDING, SANCOALE

The Department of Mathematics and the Women Development Cell of St. Joseph Vaz College organized a visit to the Holy Family Convent Boarding, which is managed by the Holy Family Sisters and is home to sixty-five girls.