

ATAL TINKERING LAB
MONTHLY ACTIVITIES
SUBJECT: MATHEMATICS

“ यथा शिखा मयूराणां, नागानां मणयो यथा।
तद्वद् वेदांगशास्त्राणाम् गणितं मूर्ध्नि स्थितम्॥ ”

*Like the crest of the peacock, like the gem on the head of a snake,
so is mathematics at the head of all knowledge.* ”

Dear Parents,

With a vision to 'Cultivate one Million children in India as Neoteric Innovators', Atal Innovation Mission, an initiative of the National Institution for Transforming India (NITI Aayog), Government of India, has established Atal Tinkering Laboratories (ATLs) in schools across India.

As a pioneer in ATL Schools, our objective is to foster curiosity, creativity, and imagination in young minds and inculcate skills such as design mindset, computational thinking, adaptive learning, physical computing, rapid calculations, measurements, etc.

To accomplish these goals, the school has been conducting monthly activities under the aegis of the Atal Tinkering Club. To inculcate the skills of physical computing and rapid calculations, the theme for Mathematics activities for the month is "Beat the Calculator"

In this activity, students will learn different Sutras of Vedic Mathematics and will be able to solve complex mathematical calculations faster and with ease. To assess the learning outcomes, a small assessment will be conducted in each class as per the schedule given below:

S.No	Vedic Sutra	Classes	Date of Assignment	Date of Assessment
1.	निखिलम् नवतस्करमं दस्ता: (Nikhilam Sutra)	IV – V	2 nd , 3 rd & 4 th dec,2020	Second week of December
2.	उर्ध्व तिर्यक्भ्यम् (Urdhav Triyak Sutra)	VI-VIII	27 th Nov, 2020	4 th Dec, 2020
3.	निखिलम् सूत्र: (Nikhilam Sutra for division) एकादिनेका पुरवे सूत्र: (Ekadhineka Purvena Sutra)	IX	27 th Nov, 2020	4 th Dec, 2020
4.	यवदुनम सूत्र: (Yavadunam Sutra)	XI	27 th Nov, 2020	4 th Dec, 2020

The top three scorers from each class will be awarded an e-certificate.

Looking Forward to your enthusiastic participation!!

Asha Prabhakar

Asha Prabhakar
(Principal)

स्वच्छ भारत

एक कदम स्वच्छता की ओर

Distribution

VPL, HMs

Website I/C - only link is to be shared in Broadcast Group(s).

Staff Members