

Sri – Om  
**VEDIC MATHEMATICS AWARENESS YEAR**

E-Newsletter Issue no 1 dated 1-10-2014

*'Credit goes to Swami Bharti Krshna Tirtha Ji Maharaj to focus the attention of present generation about the values of Ganita Sutras (mental Mathematics Sutras)'*

*All are invited to join Awareness program*

*All are warmly invited to join the awareness program of Vedic Mathematics. All teachers, parents and students are invited to Learn and Teach Vedic Mathematics for proper intelligence growth at School.*

Dr. S. K. Kapoor  
Sh. Rakesh Bhatia  
Sh. Bhim Sein Khanna  
- Organizers

**ISSUE NO 1**

	Page
1. Ganita Sutras and Upsutras text	1
2. Step for intelligence Growth	2
3. Shiksha Bharti Senior Secondary School Rohtak	3
4. Organization them: All Schools of City would remain in common loop	4

**Ganita Sutras**

1. एकाधिकेन पूर्वेण ।
2. निखिलं नवतश्चरमं दशतः ।
3. ऊर्ध्वतिर्यग्भ्याम् ।
4. परावर्त्य योजयेत् ।
5. शून्यं साम्यसमुच्चये ।
6. (आनुरूप्ये) शून्यमन्यत् ।
7. संकलव्यवकलनाभ्याम् ।
8. पूरणापूरणाभ्याम् ।
9. चलनकलनाभ्याम् ।
10. यावदूनम् ।
11. व्यष्टिसमिष्टिः ।
12. शेषाण्यङ्केन चरमेण ।
13. (सोपान्त्यद्वयमन्तम्)
14. एकन्यूनेन पूर्वेण ।
15. गुणितसमुच्चयः ।
16. गुणकसमुच्चयः ।

**Ganita Upsutras**

1. आनुरूप्येण ।
2. शिष्यते शेषसंज्ञः ।
3. आघमाघेनान्त्यमन्त्येन ।
4. केवलैः सप्तकं गुण्यात् ।
5. वेष्टनम् ।
6. यावदूनं तावदूनम् ।
7. यावदूनं तावदूनीकृत्य वर्गं च योजयेत् ।
8. अन्त्ययोर्दशकेऽपि ।
9. अन्त्ययोरेव ।
10. समुच्चयगुणितः ।
11. लोपनस्थपनाभ्याम् ।
12. विलोकनम्
13. गुणितसमुच्चयः समुच्चयगुणितः

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## STEP FOR INTELLIGENCE GROWTH

1. Prime aim of schooling is to achieve proper intelligence growth for innocent young minds.
2. Basic value of Ganita Sutras is that these in most affine way and as most sublime steps always remain parallel to the intelligence field growth within frame of Human mind.
3. Here it is for the attention of teachers and parents that the initiation step (s) for intelligence growth as per the values of Ganita Sutras (and Upsutras) surface as:
  - I. Learning of counting (as value of Ganita Sutra-1): 'एकाधिकेन पूर्वेण ।' / 'one more than before'.
  - II. Learning of direct counting 1, 1+1=2, 2+1=3, to be supplemented by reverse counting as per the value of Ganita Sutra 14 (एकन्यूनेन पूर्वेण) / 'one less than before'.
  - III. Learning of direct counting as well shall be supplemented by counting by jumps as per the symmetry value of Ganita Upsutra-1 (आनुरूप्येण ।): (1, 3, 5, ---); (2, 4, 6, ---), ---.
  - IV. The direct counting by jumps to be supplemented by reverse counting by jumps (10, 8, 6, ---); (11, 9, 7, ---),
4. Further as per the value of simultaneous addition and subtraction of Sutra 7 'संकलव्यवकलनाभ्याम् ।', the counting skills shall be perfected by all types of counting steps of direct counting and reverse counting, with single, double are more jumps to be handled mentally.
5. To start with one shall remain at direct counting and reverse counting. At next phase direct counting with jumps and reverse counting with jumps be introduced. It is only thereafter that the mental processing of simultaneous addition and subtraction be introduced.
6. Young innocent minds have unbiased memory. As such above counting processes be introduced very gently. Once the values of these counting processes would stand absorbed by young minds, the process of initiation of intelligence growth would take place of its own.
7. Parents particularly mothers during informal days of learning of children can attain wonders in his direction for their children.
8. During formal education the responsibility would be of teachers to attain all this for young minds.
9. The intelligence growth is a continuing process and same is of the steps parallel to values of Ganita Sutras 1 to 16 and Upsutras 1 to 13. As such parents and teachers shall help the children to memorize this small text.
10. Once this text stands memorized rest would be just a mental processing values Mathematics.

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## **SHIKSHA BHARTI SENIOR SECONDARY SCHOOL, ROHTAK**

We blissfully share that Shiksha Bharti Senior Secondary School Rohtak has the privilege to be the first School to join this Vedic Mathematics Awareness Program.

Sh. Mahender Pruthi, Principal of the School himself is Mathematics Teacher. He has much appreciation of the ease with which Ganita Sutras help solve even very tedious mathematical operations. It is with his initiative that Vedic Mathematics has already been introduced as a subject in primary classes of his school. His vision is that the subject is to be gradually introduced. At first phase Vedic Mathematics has already been introduced at the primary classes. In the next phase, he plans to introduce Vedic Mathematics in middle school classes.

The inherent values of Ganita Sutras are that by working in terms of them, one is automatically put on the path of evolutionary growth of intelligence. The working processes of Ganita Sutras are such that they in the most natural way permit the intelligence to grow of its own. It is because of this feature that Mathematics of Ganita Sutras is accepted as 'mental Mathematics'. Beauty of this feature is that it works very gently parallel to the innocence of young minds. The working rules of Ganita Sutras do not cause any scratch upon the innocence. Further as that, working in terms of Ganita Sutras does not put any pressure upon memory. And because of it, mathematics becomes a blissful chase.

It is for these values and for their much more values as that in terms of such a small text of just 16 sutras and 13 Upsutras, whole range of Mathematics can be covered which makes anyone to be a votary of Vedic Mathematics.

Shiksha Bharti Senior Secondary School, Rohtak joining this awareness program is really very inspiring. We are thankful of the school, its management and principle for this on their part.

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1-10-2014

Rakesh Bhatia

**Organizer**

**Organization Theme : All Schools of City would remain in common loop**

To start with, our theme is that each city shall be a Vedic Mathematics awareness unit. All these schools of city shall remain in common awareness loop.

Let there be a separate organizers of awareness team for each city. We at Rohtak are working under the guidance of Dr. S. K. Kapoor. All those who were interested to make such awareness program for their cities, they may contact us and we shall be sharing our experience and knowledge to help them to make your city being fully aware of Vedic Mathematics values.

Our today's initiative is with and in the context of Rohtak City. Soon we shall be covering Rural neighbourhood of Rohtak City.

We aim to have interaction with Principle, Mathematics teachers and management of one school a day. Everybody is warmly invited to join this enlightenment program for the intelligence growth of our children.

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1-10-2014

Bhim Sein Khanna

Organizer