

Sri – Om  
**VEDIC MATHEMATICS AWARENESS YEAR**

E-Newsletter Issue no 11 dated 17-10-2014

*'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  
Sh. Deepak Girdhar  
- Organizers

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For previous issues and further more information visit at  
[www.vedicganita.org](http://www.vedicganita.org)

**Intelligence Growth  
Second phase  
Transition from 1 to 0  
and back from 0 to 1  
Bridging the Gap**

1. Bridging the gap between the pair of values say (0) and (1), is all intelligence is about.
2. Young minds can be helped understand all about it for its appreciation and imbibing and in the process, of its own, acquiring intelligence.
3. One way to help the young minds to learn and comprehend this process would be to stand at a distance from a wall and throw a ball to strike the wall.
4. The place of standing be given the value '0' and the place of wall be given the value '1'.
5. Child be made conscious as that after the ball strikes the wall, it starts coming back and that all it is because of the wall.
6. The child be further made conscious that if wall would not have been there, then the ball would have gone ahead.
7. The child be further made conscious as that the point ahead of the wall (uptill which the ball would have reached in the absence of the wall) may be taken as value (2).

8. Child be further made conscious that the point uptill which the ball had returned because of the wall, can be attached value (2), taking into be that it is because of the absence of the wall
9. The placement of value '2' in between values 0 and 1 and the transformation of the triple (0, 1, 2) as (0, 2, 1) is big step of understanding and comprehension.
10. It is this comprehension which deserve to be emphasized.
11. In general it would be of the format (n+0, n + 1, n + 2) transiting into (n+0, n + 2, n + 1)
12. This Phenomenon leads to a very rich format of features, sequentially young minds deserve to be exposed to the spectrum of values of this format.

## Ganita Sutra 7

संकलव्यवकलनाभ्याम् ।

By addition and by subtraction

- i. Read the text of the Sutra.
- ii. Pronounce the text Loudly.
- iii. Sequentially tabulate the letters of the text.

1	2	3	4	5	6	7	8	9	10
स्	अ	प	क्	अ	ल्	अ	न्	आ	व्
11	12	13	14	15	16	17	18	19	20
य्	अ	व्	अ	क्	अ	ल्	अ	न्	आ
21	22	23	24						
भ्	य्	आ	म्						

- iv. Chase the different words formed by sequential combinations of letters, as,

Letters								
1	2	3	4	5	6	7	8	9
स्	अ	प	क्	अ	ल्	अ	न्	आ
Word संकलना (Addition)								

Letters										
10	11	12	13	14	15	16	17	18	19	20
व्	य्	अ	व्	अ	क्	अ	ल्	अ	न्	आ
Word व्यवकलना (subtraction)										

- v. Reach at the working rule of Sutra.  
'By Addition and By Subtraction'
- v. Format wise it amounts to simultaneous availability of a pair of orientations for two way approach between a pair of end values.

- vi. It is this feature of simultaneous availability of opposite values at a point in between a pair of points which makes the middle point being of neutralized orientation format.
- vii. It is this feature of this format which deserve to be comprehended well and to be appreciated fully for its complete imbibing for attaining deep insight about this system of simultaneous handling a pair of orientations for a point.
- viii. One may have a pause here and take note that this format of making available a pair of orientations for a point in between the pair of points, as such makes zero value as zero order manifesting 2-space.
- ix. It is in terms of this format that we can splits square values as under

$$1^2 = 0 + 1 + 0$$

$$2^2 = 0 + 1 + 2 + 1 + 0$$

$$3^2 = 0 + 1 + 2 + 3 + 2 + 1 + 0$$

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**17-10-2014**

Dr. S. K. Kapoor,

*(Ved Ratan)*

## Vedic Mathematics

### Quiz Meets

#### NEWS

### Vedic Maths Meet Kurukshetra

Vedic Mathematics quiz meet was held at Geeta School Kurukshetra on 16th September, 2014. There were following activities for 9th, 10th, 11th & 12th class

1. Vedic Maths Quiz
2. Paper reading Presentation
3. Maths Models.

### ROHTAK ZONE COMPETITION

Rohtak Zone Competition will be held on 18th September, 2014 at Shiksha Bharati School Ram Nagar Rohtak.

**Rakesh Bhatia**

**Organizer**

**17-10-2014**

## QUERIES ABOUT VEDIC MATHEMATICS

1. We are receiving lot of queries about the text books of Vedic Mathematics.
2. It is shared that, at present, yet we are not in a position to recommend any text books for Vedic Mathematics however, one may have some information about the google and other search engines regarding 'Vedic Mathematics literature available at present'.
3. Some specific information is available at 'www.vedicmaths.org'.
4. Soon we shall be in a position to share specific information about the Vedic Mathematics books which may be referred by the interested students.
5. Simultaneously, it is added that if there are some specific questions about the subject matter of Vedic Mathematics then the same may be shared with us and we can discuss the same.

Sh. Bhim Sein Khanna  
Sh. Deepak Girdhar  
- Organizers

## VEDIC MATHEMATICS, SCIENCE & TECHNOLOGY STEP 2

*Dr. S. K. Kapoor (Ved Ratan)*

### Recapitulation

1. As step 1, it was impressed upon that one shall acquaint well with the Devnagri alphabet.

अ इ उ ऋ लृ ए ओ ऐ औ

क ख ग घ ङ

च छ ज झ ञ

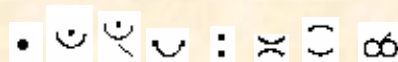
ट ठ ड ढ ण

त थ द ध न

प फ ब भ म

य व र ल

श ष स ह





## Step – 2

2. The devnagri alphabet letters accept association of artifices numbers values as under as transcendental code values.

अ	इ	उ	ऋ	ॠ	ए	ओ	ऐ	औ
१	२	३	४	५	६	७	८	९
क	ख	ग	घ	ङ				
१	२	३	४	५				
च	छ	ज	झ	ञ				
२	३	४	५	६				
ट	ठ	ड	ढ	ण				
३	४	५	६	७				
त	थ	द	ध	न				
४	५	६	७	८				
प	फ	ब	भ	म				
५	६	७	८	९				
य	व	र	ल					
१	३	५	७					
श	स	ष	ह					
२	३	६	९					
•	◡	◢	◣	:	×	◌	◌	
9	10	11	12	13	14	15	16	

3. The letter raif is of three formats ( , , ) and these accepts values as (1, 2, 3) respectively.
4. Letters (आ, ई, ऊ) accepts values (2, 4, 6) respectively.
5. TCV (ब्रह्म) = 28.
6. TCV (सृष्टिः) = 31
7. It would be a good exercise to reach at TCV values of different Sanskrit words.

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