

Sri – Om

VEDIC MATHEMATICS AWARENESS YEAR

E-Newsletter Issue no 7 dated 9-10-2014

'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

ISSUE NO 7

	Page
1. Ganita Sutra-4	1-1
2. Intelligence growth (first phase)	2-2
3. Dr. B. R. Ambedkar Public school	3-3
4. Vedic Mathematics quiz meet	4-4

For more information visit at
www.vedicganita.org

Ganita Sutra - 4

परावर्त्य योजयेत् ।

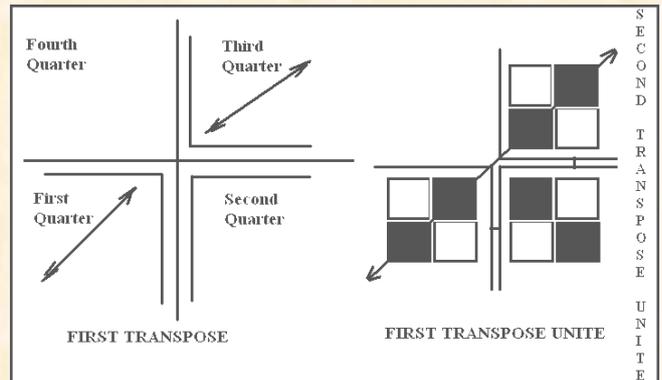
Transpose and Apply

Outline of initial steps of learning

- 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
प्	अ	र्	आ	व्	अ	र्	त्	य्	अ
11	12	13	14	15	16	17			
य्	ओ	ज्	अ	य्	ए	त्			

Format outline of working rule



TECHNICAL TERMS MEANINGS

The term 'परावर्त्य' means 'परावर्त्य' as in form ahead (as on reflection while transcendence through mirror); transposition. The term 'योजयेत्' means to unite with the position as it was prior to transposition. The combined rendering yields to transpose as unite.

Intelligence growth First phase

1. Intelligence growth is a sequential process.
2. It deserves to be approached phase wise.
3. First phase of intelligence growth is to avail format of Ganita Sutras 1 to 4.
4. The organization of Ganita Sutras as such is of many layers.
5. These layers are in compactified form.
6. These being in compactified form, same accordingly unfold sequentially.
7. Therefore the first phase of intelligence growth is to be approached as chase of five folds (Panchvritya) / (पंचःवृत्तयाः).
8. The four steps of intelligence growth shared already are of values
 - i. Counting (direct and reverse), with and without jumps. Counting with pebbles and sticks / points and lines
 - ii. Counting along all the ten directions.
 - iii. Working with a pair of lines, as angle, as parallel lines as one of the lines being fixed and other being in motion.
 - iv. Synthetic set up of objects and images / reflection operation As such, is just the first fold of the first phase of intelligence growth.
9. The second fold of first phase of intelligence growth would be of the format and values of arithmetic operations.
 - i. Counting, as addition and subtraction
 - ii. Multiplication as repeated addition
 - iii. Division as repeated subtraction
 - iv. Reflection operation format for the organization of double digit numbers as under :

01	02	03	04	05	06	07	08	09
10	11	12	13	14	15	16	17	18
19	20	21	22	23	24	25	26	27
28	29	30	31	32	33	34	35	36
37	38	39	40	41	42	43	44	45
46	47	48	49	50	51	52	53	54
55	56	57	58	59	60	61	62	63
64	65	66	67	68	69	70	71	72
73	74	75	76	77	78	79	80	81
82	83	84	85	86	87	88	89	90
91	92	93	94	95	96	97	98	99

*

Dr. S. K. Kapoor,
Ved Ratan

DR. B. R. AMBEDKAR PUBLIC SCHOOL, ROHTAK

(Run by Dr. B. R. Ambedkar Education society)

Khokhra – Kot (Rohtak)

Near 132, K.V. Power House Sukhpura, Rohtak

1. Dr. B. R. Ambedkar Public School, Rohtak located in Khokhra kot area, which is economically and by other parameters comes within lower strata.
2. As comparison to it, the building and environment of the school is of much higher norms.
3. Credit for it goes to Dr. B. R. Ambedkar Education society under the president ship of Sh. S. S. Munday.
4. Sh. Jitender Kumar, MA (Sanskrit), Shastri, BEd. is the headmaster of the school for the last five years.
5. During this short period, the strength of students of the school has arisen just from 38 to 350. It is really a big credit for the efforts and hard work of the headmaster.
6. The Sanskrit background of headmaster has helped convinced him to have proper exposure of Vedic Mathematics for the School.
7. He has shown proper interest for the subject. He wants that we shall arrange the Vedic Mathematics awareness program for his school during the week commencing from 25-10-2014, to which we have agreed.
8. The focus during this week would be upon the 'Learn and Teach Vedic Mathematics format', as mathematics teachers of this school and three neighbouring schools also may be joining this opportunity would be availed to make it a Vedic Mathematics workshop type exposure for the awareness of Vedic Mathematics.

Bhim Sein Khanna
Deepak Girdhar
Organizers

VEDIC MATHEMATICS QUIZ MEET
ROHTAK ZONE OF VIDHA BHARTI
(on 18th October, 2014)

On 18-10-2014, Vedic Mathematics quiz meet is being held by Rohtak Zone of Vidha Bharti at Shiksha Bharti Senior Secondary School, Gohana Road, Rohtak.

The **first activity** of this **Vedic Mathematics meet quiz competition** would be at four levels of Vedic Mathematics quiz participants.

The **second activity** of this Vedic Mathematics quiz meet would be regarding **Vedic Mathematics models**. It also would be at four levels.

Third activity of this Vedic Mathematics quiz meet would be in the form of **presentations of Vedic Mathematics papers**. It also would be at four levels.

Fourth activity of this Vedic Mathematics meet would be the **paper competition of mathematics teachers**. The subject of papers is 'How mathematics interest among students can be promoted'?

Sh. Rakesh Bhatia
- Organizer