**Vedic Mathematics, Science & Technology
Teacher Course**

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GAB BRIDGING

This day the course focus is upon 'Gab bridging'. It four folds aspects being taken up are as follows:

45. 3-Space domain in the role of solid dimensional order
46. Different role of 3-space
47. Dark and white matter
48. Gab bridging

The values being covered are to be taught as lessons numbers 45 to 48 to the students of 4-space Vedic Mathematics, Science & Technology.

LESSON-45

3-SPACE DOMAIN IN THE ROLE OF SOLID DIMENSIONAL ORDER

1. The unsealed state of 3-space domain will permit transcendence for 3-space through 4-space as its origin and it shall be having it reach a optical 5-space as origin of 4space
2. This reach of 3-space though 4-space optical 5-space puts 3-space in the role of dimension of 5-space.

3. 3-space as dimension of 5-space is the role of 3-space as dimension fold of hypercube 5.
4. The seat of 5-space as origin of 4-space is at centre of hypercube 4.
5. With 4-space domain in its sealed state shall be making centre of 4-space domain as the seat of origin of 4-space dimensional frame.
6. During this state, 3-space gets superimposed upon center of 4-space domain.
7. This super imposition which makes dimension, boundary, domain and origin of hypercube 5 being undistinguishable.
8. Took have segregation of features of different folds of hypercube 5; there would be a need to unsealed the origin to unsealed the 4-space domain.
9. One may have pause here and note that originally, the 3-space domain was put up in its unsealed state, and now, a step head, there is a need to put 4-space domain itself, as well in an unsealed state.
10. With it, we shall be coming face-to, face with transition for the role of 3space from that of domain fold into that of dimensional fold.

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LESSON-46

DIFFERENT ROLE OF 3-SPACE

1. 3-space contained manifests as domain fold.
2. This is the first role of the 3-space.
3. It is the basic role of 3-space.
4. All other role of 3-space or as roles of domain fold itself.

5. When 3-space domain becomes the boundary of 4-space it amount the transition from the domain fold to the boundary fold.
6. Being boundary fold, is the second role of 3-space.
7. In fact it is the role of 3-space domain as boundary fold of 4-space.
8. 3-space as domain fold is the first role of 3-space domain, as well as it is the first role of 3-space itself.
9. The second role of 3-space domain, in this context will be as boundary fold of 4-space.
10. The third role of 3-space is as dimension of 5-space.
11. 3-space domain manifests as solid dimension of 5-space.
12. 3-space placed the role of dimension fold of hypercube 5.
13. Fourth role of 3-space is as origin of 2-space.
14. 3-space as domain fold of hypercube3, 3-space boundary fold of hypercube 4, 3-space dimensional fold of hypercube 5 and 3-space origin of 2-space are basic feature of 3-space.
15. Fifth role of 3-space is as base fold of hypercube 1.
16. One shall set compatibly and have a fresh look at the following 5x5 grid to comprehend to imbibe the interrelationship 3-space with other spaces.

-1	0	1	2	3
0	1	2	3	4
1	2	3	4	5
2	3	4	5	6
3	4	5	6	7

17. Above 9-spaces range (-1, 0, 1, 2, 3, 4, 5, 6, 7) is the range five different roles of 3-space.
18. These five roles are as dimension, boundary, domain, origin and base.
19. Sixth role of 3-space is as a format of base fold.
20. It take us to -2-space as dimension, -1-space as boundary, 0-space as domain, 1-space as origin, 2-space as base and 3-space the format of base.
21. These 6 role of 3-space shall be taking us to range of 11-spaces (-2, -1, 0, 1, 2, 3, 4, 5, 6, 7, 8).
22. The interrelationship of 3-space with other spaces can be expressed along 6x6 grids as under:

-2	-1	0	1	2	3
-1	0	1	2	3	4
0	1	2	3	4	5
1	2	3	4	5	6
2	3	4	5	6	7
3	4	5	6	7	8

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LESSON-47
DARK AND WHITE MATTER

1. Dark and white matter are distinct matters.
2. Dark matter manifests dark domain dimension.
3. White matter manifests white dimensions.

4. Dark matter and white matter, likewise play different role as dimension, boundary, domain, origin, base, format
5. The format role also takes us a step head to 'stated' as its distinct fold basis.
6. Reach from base fold to basis fold is a sequential reach as base fold, format fold, and bases fold.
7. From basis fold there is reach to source state.
8. Source state is designated as natural state.
9. Base fold, format fold, basis fold, and source fold or quadruple states beyond the origin fold.
10. Origin fold to source fold is a five steps long range non as transcendence range.
11. This transcendence range (origin fold, base fold, format fold, bases state and source reservoir) take us from origin to sources reservoir.
12. A reach from dimensional fold to source reservoir is an 8 step long reach.
13. This reach is 8 fold reach.
14. This is a reach from dark matter to white matter gap coverage.
15. Dark matter is the first step and white matter is the 8 step of this reach.
16. This reach is from "infinity to the stage of pairing of infinities".
17. Beginning in infinity and reaching optical pairing of infinities is the coverage attainment of this 8 fold range from dark matter to white matter.
18. Infinity itself is discipline of pairing of circle while pairing of infinities become discipline of pairing of spheres.

19. The mathematics of pairing of circle to pairing of sphere is mathematics of range from dark matter to white matter existence phenomenon.
20. Reaching from dark matter optical white matter and back from white matter to dark matter is coverage along both orientations.
21. One shall sit comfortably and permit the transcendence mind to visit or revisit this range in both orientations.
22. This will help perfect one's intelligence parallel to the discipline of Vedic mathematics values of the coverage range of infinity as a paired voids permitting r-pairing of paired pairs of voids.

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LESSON-48

GAB BRIDGING

1. 'Gab bridging' is one of the basic attainments of mathematically system.
2. Whole numbers sequence has gaps in between the values of this sequence.
3. The values sequences (… -5, -4, -3, -2, -1, 0, 1, 2, 3, 4, 5 …) as gaps in between pairs of values. One way to bridge these gaps is to insert middle values which shall be taking us from the above sequence to the following sequences.

    (… -5, - 4.5, -4, -3.5, -3, -2.5, -2, -1.5, -1, -.5, 0, .5, 1, 1.5, 2, 2.5, 3, 3.5, 4, 4.5, 5 …)
4. A step head, again middle values for pair the value of above sequence can be inserted, and like that process may continue infinitely.

5. Vedic system approach number values in terms of their artifices parallel to dimensional frames as such the unique mathematical technique is being is availed by Vedic mathematics to bridge the gaps or values wholes numbers values sequences.
6. As per this mathematics Vedic technique, hypercube for orbits are being availed.
7. Hypercube format is a 4 folds format.
8. It is a 4 folds manifestation layer format.
9. Basic value of this format is that differences between the values of those 4 folds are equal to unit value.
10. In the context of whole value number this format of 4 folds manifestation layers; as such become a set up of 4 congestive whole numbers.
11. The quadruple value (N, N+1, N+2, and N+ 3) is 4 folds manifest layer of hypercube (N+2).
12. Value N is the value of dimensional fold.
13. Value N+1 is the value of boundary fold.
14. Value N+2 is the value of domain fold.
15. Value N+3 is the value of origin fold.

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