

RESEARCH BASED ACTIVITY ON MAGIC SQUARES

Playing with numbers

CLASS VIII

SUBJECT : MATHEMATICS

AIM : TO CONSTRUCT A 11 X 11 MAGIC SQUARE

PROCEDURE : Students were taught a vedic maths method of making a 3 x 3 magic square. Using the same method, they expanded their vision by finding 5 x 5, 7 x 7, 9 x 9 and finally 11 x 11 which they were very happy about as this was a great feat to achieve. We must start from the middlemost top square and the next number goes diagonally top right, as there no space there, it falls down. Again from 2, top right diagonal, there is no space so 3 falls in the corner. Again top right no space , so 4 falls right below 3. Then top right diagonal 5, again 6. When 7 has no space, it falls below 6. After 7, 8 has no place top diagonal so falls into the corner and 9 falls right below. A perfect magic square has been formed with all diagonals, sides adding upto 15

8	1	6
3	5	7
4	9	2

Step 1



Step 2



Step 3 →

