

## NM 6

NEP focus areas	Pages in NM 6
<b>Critical thinking</b>	23(Project & Magic Square), 89(Puzzle & Magic Square), 220(HOTS), 249(HOTS), 257(HOTS), 290(Puzzle & Magic Square)
<b>Problem-Solving</b>	All Solved examples, Exercises, Checkpoints, Mental Maths, Enrichment activities and Test papers
<b>Creativity</b>	89(Puzzle & Magic Square), 223(Magic Square), 290(Puzzle), 304, 305, 306, 309, 310, 311, 312, 313, 314
<b>Collaboration</b>	All the activities given on pages 214, 215, 304-314 can be done in groups.
<b>Application of knowledge</b>	<b>Word Problems:</b> 11-17, 33, 36, 37, 40, 52, 53, 55, 58, 64-67, 87, 89, 130, 133, 134, 135, 145, 147, 149, 150, 153, 155, 158, 159, 162, 179, 180-183, 188-198, 204, 208-211, 216-220, 222, 223, 227, 229, 233-238, 247-249, 263, 289 <b>MCQs:</b> 86, 294-304 <b>Checkpoint:</b> 12, 16, 25, 54, 60, 66, 71, 110, 114, 116, 139, 141, 152, 156, 160, 166, 175, 177, 191, 210, 216, 219, 221, 226, 232, 236, 247, 248, 252, 255, 259, 288, 291
<b>Conceptual understanding</b>	5-7, 9-11, 13, 18-23, 26-35, 37, 38, 41-51, 55-59, 61-65, 68-70, 73, 75-84, 90-95, 98, 100, 103, 104, 108-112, 115-119, 123-132, 135-144, 147, 151, 152, 163-1169, 173-175, 179, 180, 184, 185, 189, 194, 205-207, 211, 212, 224-229, 233-239, 243, 247, 250, 252, 257, 259, 261, 264, 265, 267, 268, 271, 273, 276, 278, 284
<b>Experiential learning</b>	<b>Activities:</b> 214, 215 <b>In the Lab:</b> 304-314
<b>Multidisciplinary approach</b>	76(Polygons in nature), 120(Example 4), 137(Checkpoint, Q. 1), 198(Q. 4), 200(Q. 10), 264(Symmetry)