

NM 8

NEP focus areas	Pages in NM 8
Critical thinking	HOTS: 42, 72, 78, 117, 124, 163, 168, 183, 196, 198, 207, 264, 272, 298, 311 278(Crossword puzzle), 340(Q. 10), 358(Q.16-18), 364(Q. 10)
Problem-Solving	All Solved examples, Exercises, Checkpoints, Mental Maths, Enrichment activities and Test papers
Creativity	168-169(Project), 265(Activity), 278(Project), 352(Ex 25B), 358(Q. 18), 359(Q.13), 384, 385, 388, 389, 391
Collaboration	All the activities given on pages 214, 215, 304-314 can be done in groups.
Application of knowledge	Word Problems: 10, 14, 15, 20, 24, 25, 36-45, 90, 91, 97, 98, 100-107, 113, 114, 120-124, 126-128, 139-142, 145-148, 155, 157, 162, 163, 167, 168, 172-174, 176-183, 185, 198, 201-209, 244-255, 258, 263, 266-272, 275-277, 286-289, 292-311, 326-330, 340, 358, 359, 362-364 Checkpoint: 54, 75, 204, 234, 269, 301, 310 Mental Maths: 123, 124 MCQ: 89-90, 164-166, 170-172, 273-274, 360-362, 365-383
Conceptual understanding	5-12, 15-17, 22-26, 28, 46-53, 59-60, 63-65, 72, 73, 79-83, 92-95, 9, 108, 118, 125, 128, 131, 138, 142, 143, 148, 149, 152-154, 158-160, 184, 191, 194, 199, 200, 207, 210, 211, 214-216, 220, 223, 230-231, 233, 234-240, 246, 252-256, 264, 265, 279-281, 290, 299, 305, 309, 312, 313-315, 317-319, 321, 322, 325-333, 336-343, 351, 353
Experiential learning	Activities: 65, 72, 73, 247, 265, 239, 240 In the Lab: 384-391
Multidisciplinary approach	120(Example 4), 121(Example 4), 124(Q. 8), 157(Hardy-Ramanujan Number), 233(Mapping around us), 275(C1), 286(Example 20), 287(Example 21), 289(Q. 9 & 10), 340(Q.10)