

NM 3

NEP focus areas	Pages in NM 3
Critical thinking	HOTS: 20, 30, 46, 59, 72, 76, 125, 126, 139, 158 31(Life skill), 39(Project)
Problem-solving	Exercises: 8, 9, 12, 13, 15, 16, 24, 26, 31, 32, 33, 48-50, 65, 67, 70, 71, 73, 84, 87, 88, 89, 90, 91, 94-102, 113, 117, 121-123, 127(A, B & C), 129, 138, 139, 145, 146, 150, 151, 156-158, 161, 162, 169 Checkpoints: 11, 17, 18, 19, 20, 25, 28, 29, 30, 42, 43, 45, 51, 58, 67, 68, 92, 93, 112, 126, 148 Mental Maths: 6, 17, 18, 25, 32, 58, 66, 69 38(B, C & D), 39(E, F & G), 40(B, C & D), 64(C), 78(B, C), 81(B, C & D), 131(B-E), 132(B), 133(C & D), 134(C & D), 174(B, C), 175(B), 176(C & D), 177(B, C & D), 178(E & F), 181(B, C & D)
Creativity	26(Learning by Doing), 36(In the Lab), 39(Project), 54(Project), 59(Building Multiplication Tables), 60-63(Multiplying by 6, 7, 8 & 9), 108, 110(Learning by Doing), 116(B), 118(In the Lab), 137(C & D), 141(Project), 149(Project), 164(In the Lab)
Collaboration	In the Lab: 21,36, 55, 105, 118, 130, 142, 153 Learning by Doing: 24, 46, 47, 95, 122, 124, 156 75(Project), 128(Project)
Communication	17(Learning by Doing), 21(Learning by Doing & In the Lab), 24(Learning by Doing), 76(In the Lab), 130(In the Lab), 137(Learning by Doing), 142(In the Lab)
Application of knowledge	31(Life skill), 33(Life skill), 34-35(Exercise 2.6), 38(A), 39(A), 40(E), 51(A), 52-54(Exercise 3.5 & 3.6), 74-75(Exercise 4.8), 78(A), 79(C, 80(A), 81(E), 95(C), 103-104(Exercise 5.12), 120(Checkpoint), 124(C & Life Skill), 127(D), 131(A), 132(G, A), 133(A), 134(B), 142(Learning by Doing), 146(Mental Maths), 152(E), 155(Checkpoint), 163(Exercise 10.4), 170(Project), 174(A), 175(A), 176(A), 178-179(Data Handling), 180(A), 181(E)
Conceptual understanding	Warm up: 5, 23, 41, 57, 82, 86, 107, 119, 135, 143, 154, 166 Mental Maths: 51, 89, 92, 100, 104, 136, 139, 144 37(Beyond the Chapter), 79(Project), 51(Exercise 5.2), 98(Checkpoint), 102(Life skill), 109(Exercise 6.1), 115(Exercise 6.3), 136(Checkpoint), 144(Checkpoint), 171-172(Exercise 11.2)
Experiential learning	In the Lab: 21, 36, 47, 76, 118, 130, 142, 153, 164, 173 Learning by Doing: 28, 110, 116, 122, 124, 156 35(Field Trip), 75(Project), 102(Field Trip), 109(Project), 128(Project), 134(Project), 146(Life skill)
Multidisciplinary approach	18(Life skills), 20(HOTS), 39(Project), 55(In the Lab), 94(Project), 106(Beyond the Chapter), 125(HOTS), 140-141(Calendar), 160(Project), 175(Project)