

Lakhmir Singh's

Science

Class 1 to 8

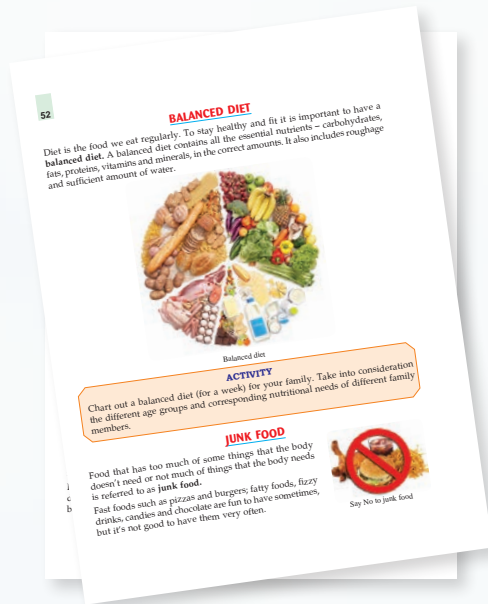


NEP Brochure



Holistic Learning

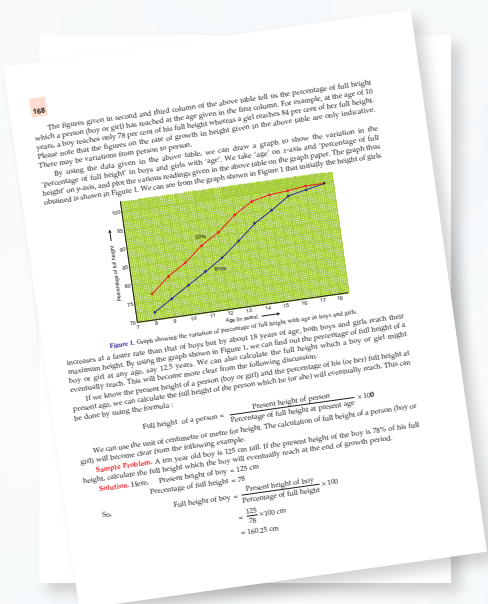
Holistic Learning is based on developing all aspects of a child's personality- intellectual, emotional, social, physical, artistic, creative, and spiritual. It is commonly implemented by making learning relevant to students' experiences and acts as bridge between home and school.



Class	Page Number
1	13, 20, 26, 32, 40, 47, 53, 59, 74, 89, 91, 95, 102, 108
2	14, 22, 30, 40, 49, 55, 56, 64, 72, 81, 88, 95, 101, 109
3	25, 34, 77, 78, 92, 105, 124
4	25, 52, 74, 90, 105, 113
5	15, 28, 59, 64, 75, 80, 89, 90, 105, 125, 128, 129, 134, 137
6	6, 28, 29, 50, 86, 103, 133, 137, 159, 169, 205, 206, 219, 235, 237, 239, 240, 247, 248, 249, 250
7	38, 46, 65, 66, 121, 139, 176, 189, 255, 279
8	5, 26, 30, 186, 194, 217, 237, 239, 242, 257, 273, 274, 306, 352

Cross Curricular Learning

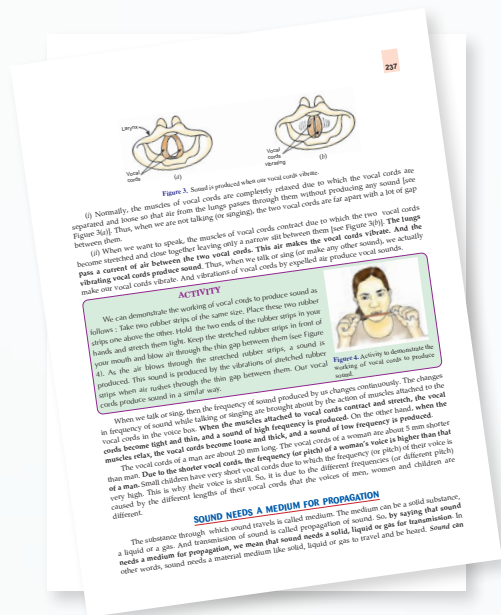
Cross Curricular Learning integrates multiple knowledge domains and crosses the boundaries of a discipline or curriculum to enhance the scope and depth of learning. This is a fundamental way to teach concepts in the context of multiple subjects at once.



Class	Page Number
1	13, 26, 32, 47, 59, 75
2	48, 72, 82, 95, 109, 110, 115
3	84, 97, 98, 99, 102, 150
4	28, 52, 106, 112, 126
5	9, 10, 26, 56, 70, 99
6	150, 155, 162
7	142, 207, 208, 209, 211, 215
8	168, 198, 244

Art Integrated Learning

Art Integrated Learning is based on collaboration between teaching of subject with the teaching of art (visual/performing). It fosters the creative development of students, makes the learning process joyful and helps to imbibe appreciation & understanding of the art form being utilized for this purpose.



Class	Page Number
1	7, 11, 14, 74, 26, 40, 41, 45, 47, 53, 67, 75, 82, 83, 89, 90, 96, 97, 102, 103, 108, 112
2	7, 14, 22, 23, 31, 32, 40, 41, 49, 50, 56, 57, 64, 70, 72, 81, 95, 101, 102, 108
3	11, 35, 40, 41, 43, 50, 65, 67, 80, 95, 105, 112, 117
4	31, 33, 45, 105, 131
5	14, 46, 126, 141
6	91, 169, 188
7	62, 156, 175, 272
8	205, 237, 238, 307, 316, 350

Real Life Applications/Examples

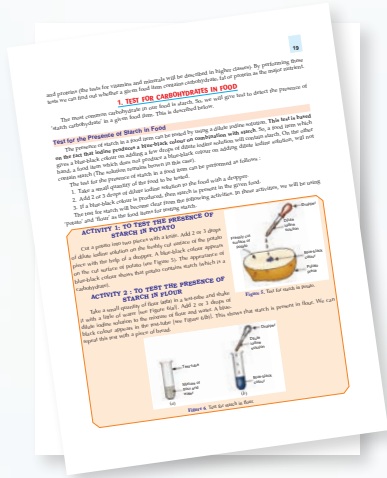
Exploring scientific applications with hands-on activities and real-life examples helps the students instantly realize that the topics in hand are relevant to their lives and connected to something they have observed or have wondered about.



Class	Page Number
1	29, 49, 50, 56, 61, 62, 63, 78, 84, 104, 105
2	24, 25, 26, 35, 36, 44, 59, 60, 67, 68, 98, 104
3	49, 53, 54, 55, 56, 57, 63
4	30, 47, 50, 60, 63, 67, 68, 69, 70, 71, 90, 130
5	42, 43, 44, 51, 52, 56, 61, 62, 63, 64, 65, 100, 113, 128, 129, 130, 136, 138
6	2, 23, 58, 152, 153, 224, 241, 245, 253
7	24, 46, 58, 73, 123, 126, 127, 160, 286
8	2, 26, 28, 29, 31, 32, 33, 35, 36, 55, 75, 76, 97, 98, 176, 199, 207, 208, 220, 223, 283, 287, 288, 308

Experiential Learning

Experiential Learning is project or discovery-based practical learning and promotes the value of learning by doing. It helps build confidence, leadership, critical thinking skills, and a spirit of collaboration in the learners.



Class	Page Number
1	26, 32, 40, 47, 52, 58, 66, 74, 81, 89, 95, 101, 108
2	13, 15, 21, 30, 39, 40, 48, 50, 55, 63, 65, 72, 73, 81, 83, 88, 95, 101, 108, 110, 115
3	11, 13, 18, 20, 27, 37, 43, 52, 60, 67, 72, 75, 79, 82, 88, 91, 95, 102, 104, 108, 114, 117, 119
4	10, 11, 16, 25, 33, 45, 56, 66, 81, 83, 86, 93, 100, 110, 119, 126, 133
5	10, 16, 22, 23, 32, 47, 60, 69, 82, 88, 89, 92, 96, 102, 111, 117, 126, 134, 140, 141
6	11, 18, 19, 20, 21, 38, 46, 47, 48, 53, 59, 66, 70, 80, 88, 89, 90, 91, 96, 116, 117, 130, 131, 144, 145, 148, 150, 162, 167, 171, 181, 187, 191, 196, 199, 200, 204, 205, 212, 218, 229, 232, 233, 236, 244, 256
7	5, 8, 15, 21, 30, 31, 42, 45, 49, 50, 53, 54, 57, 58, 62, 68, 71, 72, 78, 84, 86, 89, 93, 110, 111, 113, 114, 116, 117, 120, 131, 135, 138, 140, 141, 156, 157, 167, 181, 191, 203, 210, 220, 232, 236, 239, 240, 246, 249, 257, 258, 259, 260, 262, 265, 266, 267, 268, 269, 271, 288, 301, 306, 311
8	9, 22, 27, 42, 48, 58, 63, 66, 67, 69, 70, 71, 73, 80, 90, 93, 95, 103, 108, 125, 132, 133, 143, 164, 186, 201, 202, 203, 205, 212, 214, 216, 218, 219, 233, 239, 245, 247, 257, 260, 264, 265, 267, 269, 277, 278, 279, 291, 294, 303, 314, 338, 352

