

LIST OF PLATES

Plate No	Title of the plate	Page No.
Plate_1.1	Pyramid showing order of science process skills	22
Plate_1.2	Edgar Dale's Cone of Experience	31
Plate_4.1	Students performing drama to show difference between distance & displacement	146
Plate_4.2	Students performing skit to show difference between acceleration and retardation with their toys	147
Plate_4.3	White building Health Museum seen at the back drop	148
Plate_4.4	Assigning LSEP activity - Groups ready for health survey	149
Plate_4.5	Students writing report of Health Survey	151
Plate_4.6	Student verifying Newton's first law along with concept of food chain with the toy	151
Plate_4.7	Students engrossed in making the toy to verify Newton's law	151
Plate_4.8	useful colloids around us, slides from students' PPT	153
Plate_4.9	Image of 3D chart / model of cell	154
Plate_4.10	Slide depicting difference between plant cell and animal cell from a student's PPT	155
Plate_4.11	Growth of same specie plant: arrested growth of plant in plastic jar exposed to air pollution, plant in earthen pot not exposed to air pollution	158
Plate_4.12	Activity 10: Green Niche: Algae, fungus, dicot plants grown by the students of Experimental group	162

Plate_4.13	Role play for an Element of Periodic Table & audience ready to identify!	164
Plate_4.14	Students with the model of specie: Sea Anemone, phylum Cnidaria presented at the end of Mime: Audience ready to probe	166
Plate_4.15	Girls showing characteristics of specie, spider of phylum Euarthropoda	166
Plate_4.16	Home remedies from Grandpa & questionnaire made by student	169

LIST OF APPENDICES

Appendix no.	Title of the Appendix
Appendix_3.1	Letter for Permission in school of Experimental Group
Appendix_3.2	Semi Structured Interview for Principals
Appendix_3.3	Jeevan Sadhana
Appendix_3.4	Letter for Permission to Control Group School Management
Appendix_3.5	GEB School
Appendix_3.6	List of Experts
Appendix_3.7	Pre Test 1 Critical Thinking
Appendix_3.8	Pre Test 2 Creative Thinking
Appendix_3.9	Pre Test 3 Decision Making
Appendix_3.10	Pre Test 4 Problem solving
Appendix_3.11	Post Test 1 Critical Thinking
Appendix_3.12	Post Test 2 Creative Thinking
Appendix_3.13	Post Test 3 Decision Making
Appendix_3.14	Post Test 4 Problem Solving
Appendix_3.15	Observation Schedule
Appendix_3.16	Observation Diary
Appendix_3.17	LSEP
Appendix_3.18	Opinionnaire Part A
Appendix_3.19	Opinionnaire Part B
Appendix_3.20	Programme Feedback Sheet

