

CLASS - VIII

CLASSES REQUIRED	10
TOPIC	Light
CONCEPT & SKILLS	Reflection, Plane mirror, Regular and Irregular reflection, Multiple images, Dispersion of light, The human eye, Persistence of vision, Care of eyes
LEARNING OUTCOMES	Laws of reflection, Formation of images in the plane mirror, Properties of image formed in the plane mirror, Kaleidoscope, Splitting of white light in a glass prism (spectrum), Structure & working of human eye, Power of accommodation, Defects of vision, Care of eyes, Visually challenged people, Braille system
INSTRUCTIONAL TOOLS & REFERENCES	Charts, Models, Mirror Strips, Newton's Disc, Glass Prism Reference: Cordova (My World Of Science) & Living Science (Ratna Sagar).
PEDAGOGY	Discussion, Random Questioning, Explanatory, Concept Mapping, Reflective Discussion
ACTIVITY / ASSIGNMENT / RESEARCH	<ul style="list-style-type: none"> To verify laws of reflection To show multiple reflections using mirror strips
ASSESSMENT	MCQ,s, Assignment, Skill based assignment, Random Questioning
SYLLABUS FOR FORMATIVE & SUMMATIVE ASSESSMENT	<ul style="list-style-type: none"> MCQ's, Assignment, Skill based questions; Pencil Paper Test will be kept for Formative Assessment. All the topics related to the lesson will be kept for Summative Assessment