

CLASS - VIII

CLASSES REQUIRED	10
TOPIC	Light
CONCEPT & SKILLS	Laws of reflection, Formation of image on plane mirror, Regular and Irregular reflection, Multiple images, Dispersion of light, Human eye, Defects of vision and care of eyes.
LEARNING OUTCOMES	What makes things visible, Reflection of light(Definition) and important terms related to it like (Incident ray, Point of incidence Reflected ray, Angle of incidence & Angle of reflection), Differentiate between regular and irregular reflection, How are multiple images formed and its application, Construction and working of kaleidoscope and its application, Internal structure of an eye and its working, Various defects of eye like Myopia, Hypermetropia, Night blindness.
INSTRUCTIONAL TOOLS & REFERENCES	All classroom instructional tools, Charts, Prism, kaleidoscope, Video lessons. Reference: Cordova (My World Of Science) & Oxford Science.
PEDAGOGY	Discussion, Random Questioning, Explanatory, Concept Mapping, Reflective Discussion
ACTIVITY / ASSIGNMENT / RESEARCH	<ul style="list-style-type: none"> To demonstrate Multiple reflection
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