

CLASS – 6th

CYCLE – 2nd

CLASSES REQUIRED	May, class VI 7 days.
TOPIC	Light, Shadows and Reflection.
CONCEPT & SKILLS	Luminous and non luminous objects. Light travels in a straight line. Formation of shadows. Pin-hole camera. Reflection in a plane mirror.
LEARNING OUTCOMES	Difference between luminous and non-luminous with examples. To show experimentally that light travels in a straight line. Construction and working of pin -hole camera. Draw diagrams to explain shadow formation. Images formed by plane mirror. Shadows and mirror images.
INSTRUCTIONAL TOOLS & REFERENCES	Various teaching aids like bent pipe Straight pipe Candle Pin-hole camera Plane mirror, torch Transparent, opaque and translucent objects. Science Today Cordova learning series.
PEDAGOGY	Discussion Interactive and discussion method. Recapulative method. Explanatory method.
ACTIVITY / ASSIGNMENT / RESEARCH	Activity to show That light travels in a straight line. Shadow formation Pin-hole camera—how it works.
ASSESSMENT	Random questioning, Class tests, Skill based assignment.
SYLLABUS FOR FORMATIVE & SUMMATIVE	Pencil paper test to be kept as formative assessment. MCQ, Concept mapping. Comprehensive, Reasoning, Diagrams, Problems solving as Summative assessment.