

CLASS - VIII

CLASSES REQUIRED	08
TOPIC	Force and Pressure
CONCEPT & SKILLS	Force and its effects , Unit of force, Resultant force, Classification of force, Pressure, Atmospheric pressure, Fluid pressure
LEARNING OUTCOMES	Force (definition), Various effects of force like (force cause movement in stationary body, force can stop moving body, force can change direction, speed and shape of body), Differentiate between contact and non contact force, Relationship between pressure and area, Application of atmospheric and fluid pressure, Instruments used to measure fluid and atmospheric pressure.
INSTRUCTIONAL TOOLS & REFERENCES	All classroom instructional tools, other tools like (comb, paper bits, ball bearings, drawing pins, toothpaste etc.), 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 show that electrostatic force is a non-contact force To show that liquids exert pressure at same depth
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