

CLASS - VII

CLASSES REQUIRED	12
TOPIC	Acid ,Bases, Salts
CONCEPT & SKILLS	Acids, Bases, Salts and their properties, Chemical names and common names, Indicators, Acid –Base Indicator. Acid rain Displacement and Neutralisation reaction , Neutralisation in everyday life.
LEARNING OUTCOMES	Chemical compound (Acid, Bases and Salts as a chemical compound) To name common inorganic acids. Bases found in Lime water, Window Cleaner, Soap, Milk of magnesia, Acids found in different food Items. Indicators (uses ,and types).Acid Rain (Causes and effects).Chemical reactions(Neutralisation and Displacement).What Cause acidity.
INSTRUCTIONAL TOOLS & REFERENCES	All class room instructional tool .Food items containing acids .Litmus paper, Phenolphthalein, turmeric etc. Salts, NaCl, etc. Reference: Cordova (My World Of Science) & Oxford Science.
PEDAGOGY	Discussion, Activity, Experimental, Random Questioning, Explanatory, Concept Mapping, Reflective Discussion
ACTIVITY / ASSIGNMENT / RESEARCH	<ul style="list-style-type: none"> • To prepare lime water • To perform litmus test • To check the nature solutions of food items using litmus paper and other indicators • To check nature of Chemicals (Dilute Hydrochloric Acid, Sulphuric Acid, Nitric Acid, Acetic Acid, Sodium Hydroxide, Lime Water) • To demonstrate Neutralisation reaction
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