

CLASS - VIII

CLASSES REQUIRED	10
TOPIC	Metals and Non metals
CONCEPT & SKILLS	Metals, non metals, symbols, Physical and Chemical properties of metals and non metals, Rusting, Uses of metals and non metals Handling of apparatus in lab
LEARNING OUTCOMES	Matter (definition), Classification of matter, Difference between mixture and compounds, Types of oxides, Metals and non metals, Symbols of different metals and non metals from periodic table. How to write chemical equation, How to test acidity and basicity of oxides. Reactivity series. Nobel metals
INSTRUCTIONAL TOOLS & REFERENCES	All class room instructional tool and Different metals (Sodium, magnesium strip, iron, zinc, copper, gold, silver, aluminium) Non metals like(Sulphur, Graphite) Periodic table Video lessons 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"> • Burning of magnesium ribbon and sulphur • To show Displacement reaction between copper sulphate and zinc and iron • To check the nature of oxides using litmus paper
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