

CLASS - VI

CLASSES REQUIRED	10
TOPIC	Electricity and circuits
CONCEPT & SKILLS	Electricity and its uses, Simple circuits-Conductors and insulators, Components of electric circuits, Electric cell and components, Bulb –Parts of bulb. Construction of electric torch and working. Safety in using electricity To make simple electric circuit
LEARNING OUTCOMES	To make simple circuits and use it to learn about conductors, insulators and circuits. Electric current (Definition ,uses, symbols of components of electric circuit). To learn to handle electrical appliances. Causes for a bulb not glowing in a circuit
INSTRUCTIONAL TOOLS & REFERENCES	All class room instructional tools , Electric cell, Torch bulb, Switch, Electric Torch ,Insulator etc 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"> • To make closed electric circuit and open circuit. • Locate and mark the two terminals of the bulb • Testing for Insulators and conductors • Making a simple bulb holder.
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