



Lagudwas

Learning Labs

Education For Future-GEN



CHEMISTRY

SYLLABUS

The only source of knowledge is
experience

-Albert Einstein

S No	TITLE
01	To test the given sample (liquids) are soluble in water
02	Separation of a Mixture of Chalk and Water using Filtration
03	Separation of Salt and Water using Evaporation and condensation
04	To perform conduction of heat using different material
05	To perform that black color observes heat more
06	To learn about Acid, Base and neutral
07	Reaction between Vinegar and baking soda
08	Learn physical changes using different objects and study if physical change reversable or irreversible
09	Formation of iron sulphate and copper precipitation : A chemical reaction study
10	Reaction of carbon dioxide with lime water

S No	TITLE
11	Crystallization of copper sulphate from solution : observing crystal formation through controlled cooling
12	To observe the birds skeleton using specimen
13	Burning of coal
14	To shows oxygen is necessary for combustion and observe sooty and non sooty flame
15	Classification of materials into combustible and noncombustible
16	To study the different zones of flame
17	Show the electric conductivity of metals and non-metals
18	Non-metals can react with oxygen to form non-metallic oxides which are acidic in nature
19	Electric current pass through water and salt water solution
20	A simple circuit showing electroplating

S No	TITLE
21	Electrolysis of Water: Investigating Chemical Changes with Electrodes and Solutions
22	To make a simple electroscope
23	Estimation of particle size
24	Estimation of sugar or salt in water
25	Sublimation of camphor
26	Observation the difference between copper sulphate and potassium permanganate
27	Filtration and observation of milk, chalk and copper sulphate in water
28	To prepare a solution of common salt of 10% composition by volume
29	Observing the shape of methylene blue in water
30	Observing the nature of charged particles in matter