

S/ No.	KIT NAME
1.	Crystallization from Supersaturated Solution
2.	Conductivity of Solution and Solids – Expanded version
3.	Conductivity of Solution with ammeter
4.	Combustion of Magnesium in Air and CO <sub>2</sub>
5.	An Extreme Endothermic Reaction (12 Experiments)
6.	Tuning Fork – Sound Energy
7.	The Molar Mass of Magnesium ( 12 Experiments)
8.	Le Chatelier’s Principle – Common Ion effects
9.	The Nylon Rope Trick with Special Stand (12 Experiments)
10.	Polymerization – Cross –Linking (12 Experiments)
11.	“Steam Canon”
12.	Electric Generator
13.	Vizualization of Potential Energy + Spare Parts
14.	Photoelectric Activation of an Engine (Fan)
15.	A Hydroelectric Power Station
16.	Chemical Activation of an Electric Motor (16 Experiments)
17.	Oxidation State of Manganese
18.	Electrochemistry + additional refills
19.	Two Ball Pendulum
20.	Friction – Expanded Version
21.	Electrolysis of Water with gas Collection Device
22.	Activities in Electromagnetism – single set
23.	Electromagnetism – Oesterd’s effect
24.	Electrostatics –Expanded Version
25.	Expansion of Gases
26.	Activities in Electricity – Single Set
27.	Thermal Expansion of Bi-Metallic strip with Multimeter



28.	Blood typing using simulated Blood
29.	Volume Determination of a Solid using Archimedes Principle
30.	Pressure Gauge with a Piston
31.	Air as a Thermal Insulator
32.	Expansion of Solids
33.	Carbon Cycle
34.	Periodic table + Boiling Point Data Chart
35.	Nitrogen Cycle
36.	Floating Bodies in Liquid of different densities
37.	Vizualizing the concept of Pressure + Additional Refills
38.	Acid Base Neutralization – Expanded Version
39.	Preparation and Recognition of a Base + pH Meter + Calibrated Solution
40.	How can we measure Viscosity – Expanded Version
41.	Bernouli's Principle
42.	Steam Boat
43.	Conductivity of Heat in Solids
44.	Atmospheric Pressure and Vacuum
45.	Measurement of Hydrostatic Pressure - Manometer
46.	Floating Bodies – The Cartesian Diver
47.	Mariotte's Column and Flow rate attachment
48.	The Strength of Atmospheric Pressure
49.	Pascal's Jar
50.	Interatomic Forces in Metals
51.	Human Sensory Organs – Poster Human Inner Ear – Models and Poster
52.	Crystallization of Alum
53.	The Hardness of Metals
54.	Human Body and Posters; Skeleton, Skeleton Movement, Digestive System, Blood Circulatory System
55.	Separation of Metals for Recycling (2 units)

56.	Identification of CO <sub>2</sub> in Respiration including respiratory system kit and Poster
57.	How can we tell one Gas from one another
58.	Basic principles in Optics using Prisms (75+76+77)
59.	Heating Water with a Concave Mirror
60.	The Cave of Dogs (12 Experiments)
61.	Cigarette Smoke – What do we inhale (10 Experiments)
62.	Chromatography of Dyes
63.	Chromatography of Amino Acids
64.	Osmotic Pressure – Enlarge Kit for 24 Experiments
65.	Purification of Water by Filtration ( 5 experiments)
66.	Biochemistry – Food components Determination
67.	Principles of Photosynthesis
68.	Artemia – From a Cyst to Living Organism
69.	The effects of Drugs on Living Things
70.	Genes and Probability
71.	The Biology and Chemistry of Soil
72.	The Technology of Soap Production
73.	Introduction to Biotechnology + Yeast fermentation, Bakers yeast, <i>Sacharemyces Cerevisiae</i>
74.	Technology of Preparation of Toothpaste and Marketing
75.	Seed Staining Kit
76.	Microscope operated on Electricity or Batteries + Prepared Microscope Slides
77.	Extraction of D. N. A
<b>Demonstrational Materials Sub Total</b>	
78.	Posters
79.	Teacher's and Student's Manuals