



BOKARO PUBLIC SCHOOL

SECTOR-III/C,B.S.CITY

SYLLABUS SESSION 2025-26

Class- 8

Subject- Science

Sl. No	MONTH S	W/D	W. D	CHAPTER'S NAME/TOPIC	PAGE NO.	ACTIVITY
1	April	22		<u>CH :1 Material in Daily life</u> <ul style="list-style-type: none"> Characteristics of plastics Kinds of plastics Synthetic Fibres or Artificial fibres <u>CH : 2 Metals and Non metals</u> <ul style="list-style-type: none"> Metals Physical properties of metals Non metals Physical properties of non metals Uses of common metals and non metals 	39- 47 48-62	<ul style="list-style-type: none"> Collect different types of plastic items and sort them based on the recycling codes allotted to them . Find out if these could be substituted by eco-friendly alternative. Collect information about some alloys that are mentioned below and complete the following.
2	May	7		<u>CH : 3 Energy and combustion</u> <ul style="list-style-type: none"> Source of Energy Burning and combustion Flames and Fire fighting 	63-73	<ul style="list-style-type: none"> To prove that ignition temperature is necessary for combustion.
3	June	15		<ul style="list-style-type: none"> Renewable Sources of energy Fuels Judicious uses of Fuels <u>CH : 4 Rain , Thunder and lighting</u> <ul style="list-style-type: none"> Electricity Two kinds of electric charges Lightning 	155-162	<ul style="list-style-type: none"> Rub an ebonite rod with wool or flannel and hang it with a thread . Rub another ebonite rod in the same way and bring it near the suspended rod .
4	July	23		<u>CH : 5 Earthquake</u> <ul style="list-style-type: none"> Earthquake Causes of earthquakes Consequences of Earthquakes <u>CH: 6 Friction</u> <ul style="list-style-type: none"> Causes and types of friction Friction due to liquids and gases Advantages and disadvantages of friction Methods of Increasing friction Methods of reducing friction 	163- 170 109-116	<ul style="list-style-type: none"> Study the different types of materials used in building like brick and mortar, stone , wood , grass and mud huts . Categorised them in safe , unsafe and very dangerous. To show that rolling friction is much smaller than sliding friction

5	August	18	<u>CH : 7 Force and its types</u> <ul style="list-style-type: none"> • Effect of forces • Types of forces • Unit of forces <u>CH : 8 Sound</u> <ul style="list-style-type: none"> • Production of sound • Characteristics of sound • Reflection of sound • Noise pollution • Control and Prevention of Noise pollution 	102-108 125-134	<ul style="list-style-type: none"> • Measurement of weight using a spring balance • To show that each magnet exerts force on other from a distance. • To prove that sound produced by a stretched wire is due to vibration
6	Sep	9	Revision for half yearly examination		
7	October	12	<u>CH : 9 Pressure</u> <ul style="list-style-type: none"> • Unit and effect of pressure • Application of pressure in daily life • Pressure in liquid • Atmospheric pressure • Other applications of pressure 	117-124	<ul style="list-style-type: none"> • To study the pressure exerted by the liquid • Making a manometer
8	November	20	<u>CH : 10 Chemical effects of Electric current</u> <ul style="list-style-type: none"> • Electric Current • Chemical effects of Electric current • Electrolyte and Electrolysis • Electroplating and uses <u>CH : 11 Light , Images and Vision</u> <ul style="list-style-type: none"> • Propagation of light • Reflection of light • Types of reflection • Types of Images • Image formation by a plane Mirror • Multiple Images 	135-142 143-154	<ul style="list-style-type: none"> • To find whether distilled water conducts electricity or not • To show that electric current can bring about a chemical change • To verify the laws of reflection • To show Barille System in Indian currency notes
9	December	19	<u>CH : 12 Night Sky</u> <ul style="list-style-type: none"> • Universe • Night Sky • Solar system • Celestial Distance • Satellites • Meteoroid, Constellation and Asteroids 	171-183	<ul style="list-style-type: none"> • Make a model of Constellation • Make a model on solar system
10	January	17	Revision for final examination		
11	Feb	15			

• **Note :-**

- **Book Name :- The Science Time**
- **Publishers :- Crimson Publication**
- **Teacher's Name:- Rahul Kumar Gope**