

Class	IX	Subject	CHEMISTRY
PD	1	Chapter-1	MATTER IN OUR SURROUNDING
Recapitulation of the previous class taught.	<ul style="list-style-type: none"> ✓ We came across the concept of Synthetic and Natural material. ✓ We came across the concept of Metals and Non-Metals. ✓ We came across the concept of fossil fuel in the form of Coal and Petroleum ✓ We came across the concept of Combustion and Flame. 		
Sub-Concepts	<ul style="list-style-type: none"> ❖ Physical Nature of Matter. ❖ Characteristics of the Particles of matter. 		
Teaching Aid To be used	Smart Class, PowerPoint presentation, classroom objects, (advertisements), charts.		
Learning Outcome	<ul style="list-style-type: none"> • Students will be able to know about the concept of matter. • Students will be able to know about the characteristics of the particles of matter. 		
Sl. No	Step Wise (What to be done)		
1 Introduction	<p>For Achievers</p> <p>Teacher should initiate the discussion on following topics, which will revolve around the core topic of the chapter like, What's your view on the classification of matter and its basis?</p> <ul style="list-style-type: none"> ➤ Vision to acquire knowledge of the matter. ➤ They need to know of the physical nature of matter. ➤ They would know of the 	<p>For Average</p> <ul style="list-style-type: none"> ➤ They would made familiar of the concept of matter. ➤ They would made to know of the characteristic's properties of the particles of matter. 	

	characteristic's properties of matter.	
2. Concept of Matter.	<ul style="list-style-type: none"> ❖ Anything that occupies space, has mass and can be perceived by the senses is known as Matter. ❖ Matter is made up of five basic elements – Air, Water, Fire, Earth and Sky according to the ancient philosopher. ❖ Modern Scientist believes in the Physical and the chemical Nature of Matter. ❖ Physical nature of Matter-Solid, Liquid and Gas (Appearance) 	
3-Physical Nature of Matter.	<ul style="list-style-type: none"> ✓ Matter is made up of the particles. ✓ Particles of matter shows the physical nature of Matter. 	
4.Characteristics properties of matter.	<ul style="list-style-type: none"> • Particles of matter have space between them • Particles of matter are very small in size. • Particles of matter are continuously moving. • Particles of matter attract each other. 	
5.Home Assignment	<ol style="list-style-type: none"> 1) Explain by an activity that particles of matter have space in between them. 2) Mention the five basic elements of matter. 3) What do you understand by the terms AMatter? Give Examples 	

