

Class	IX	Subject	CHEMISTRY
PD	6	Chapter-1	MATTER IN OUR SURROUNDING
Recapitulation of the previous class taught.	<ul style="list-style-type: none"> • Concept of Latent Heat • Determination of Latent Heat 		
Sub-Concepts	<ul style="list-style-type: none"> ❖ Scales of Temperature. ❖ Plasma ❖ Bose-Einstein Condensate (BEC) 		
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 different scales of Temperature and its conversion. • Students will be able to know about the Plasma and BEC as a state 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 Melting Point?</p> <ul style="list-style-type: none"> ➤ Vision to acquire knowledge of the different scales of temperature and their conversion. ➤ They would get knowledge regarding the Plasma and BEC 	<p>For Average</p> <ul style="list-style-type: none"> ➤ They would made to know of the different scales of temperature and their conversion. ➤ They would get knowledge regarding the Plasma and BEC 	

<p>2. Temperature and its Scales.</p>	<ul style="list-style-type: none"> ▪ The degree of Hotness or Coldness of a body is known as Temperature. ▪ The different scales of Temperature are: - <ul style="list-style-type: none"> • Celsius scale • Kelvin Scale • Fahrenheit Scale
<p>3-Plasma</p>	<ul style="list-style-type: none"> ➤ Plasma is the fourth state of matter. ➤ It is composed of free electrons and ions. ➤ Stars glow due to the presence of Plasma.
<p>4.Bose-Einstein Condensate (BEC)</p>	<ul style="list-style-type: none"> • BEC is the fifth state of matter. • It was obtained first by S.N Bose and Einstein. • They are known as Bosons. • They exist in super cool temperature.
<p>5.Home Assignment</p>	<ol style="list-style-type: none"> 1. What is the normal body temperature of human being? Convert into kelvin scale 2. Mention the physical state of matter at a) 250 degree Celsius b) 25 degree Celsius.

