

CLASS-10

PHYSICAL SCIENCE

UNIT PLAN

CHAPTER: 09 –CLASSIFICATION OF ELEMENTS–THE PERIODIC TABLE

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1.	Ordered arrangement of elements Dobereiner's law of triad	176	178	
2.	Newland's law of octaves	178	180	
3.	Mendeleeff's periodic table Mendeleeff's periodic law Limitations of Mendeleeff's periodic table	180	184	
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6.	Groups in Modern periodic table	187	188	
7.	Periods in Modern periodic table	189	190	
8.	Metals and Non metals Properties of elements Trends in groups and in periods of periodic table Changes in valence & Atomic radius	190	193	
9.	Changes in Ionisation energy in Periodic table Affecting factors of Ionisation energy Changes in Electron affinity in Periodic table	193	195	
10.	Electro negativity –changes in periodic table Metallic and non metallic properties	196	196	

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