

CLASS-09
PHYSICAL SCIENCE
UNIT PLAN
CHAPTER: 06 – WHAT IS INSIDE THE ATOM ?

PERIOD NUMBER	CONCEPTS / TEACHING POINTS	PAGES IN TEXT BOOK		REMARKS
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1.	Atoms Sub atomic particles Electron, proton and neutrons	89	91	
2.	The structure of an atom Thomson's model of the atom	91	92	
3.	Rutherford's alpha particles scattering experiment Rutherford's observations Limitations of Rutherford's model of the atom	92	94	
4.	Bohr's model of an atom Energy levels	94	95	
5.	Distribution of electrons in different orbits	95	96	
6.	Valency - concept	97	97	
7.	Valencies of different elements Electrons arrangement in different atoms	98	98	
8.	Importance of valency	98	99	
9.	Atomic number Atomic mass number Writing symbols of atoms	99	99	
10.	Isotopes Isotopes – Examples Isotopes and their applications	100	101	

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