

7.	20 th Aug to 4 th Sept '18	10 days	Is Matter Around Us Pure?	Separation of mixture: Centrifugation, separating funnel, Sublimation, distillation (simple and fractional) Chromatography Liquification of air.	1 1 2 1 1	6	ASSIGNMENT 2 Uploading: 23.8.18 (Thur) Submission: 27.8.18 (Mon) Return: 4.9.2018	Lab Activity: To carry out chemical reactions....
Completion of syllabus 4th September 2018 Revision- 6th September-11th September 2018 (5 Days) Mid Term Exams from 12th Sept to 22nd Sept 2018 PTM on 13th October 2018								
8.	24 th Sept to 17 th Sept '18	17 days	Structure of Atom	Introduction to charged particles in matter, canal rays Thomson's Model of an atom. Reasoning questions and diagram.	2 2 3 3	10		
DUSSHERA BREAK 18th October 2018-21st Oct 2018								
9.	22 nd Oct '18 to 3 rd Nov '18	10 days	Structure of Atom	Rutherford's Model of an atom, experiment, Observation conclusion. Drawback of Rutherford's Model of an atom	2 2 2	6		
Diwali Break from 5th November '18 – 11th November '18								
10.	12 th Nov '18 to 30 th Nov '18	13 days	Structure of Atom	Neils Bohr Model of an atom, Neutrons, Bohr Bury Scheme, atomic number, mass number	3 1+2 2	8	ASSIGNMENT 3 Uploading: 22.11.18 (Thur) Submission: 26.11.18 (Mon) Return: 3.12.2018	Worksheet on Rutherford's Gold foil experiment:
11.	3 rd Dec '18 to 15 th Dec '18	11 days	Structure of Atom	Valency, Numericals related to atomic number and mass number, Isotopes, Applications, Isobars, calculations based on relative atomic mass of isotopes.	1 2 2 2	7		Student Activity: Cross word
Completion of Syllabus by 15th Dec 2018 Revision 17th December – 19th December 2018 (3 Days) Post Mid Term Exams from 20th Dec – 14th Jan 2019 Winter Break 31st December 2018 – 9th January 2019 PTM on 29th January 2019								
12.	15 th January '19 to 25 th January '19	9 days	Atoms and Molecules	Laws of chemical combinations, Dalton's Atomic Theory, Size of an atom, symbols, Atomicity, Ployatomic ions.	2 1 1+1 1	6		Lab Activity: To verify the laws of conservation of mass.
13.	28 th Jan '19 to 8 th Feb '19	11 days	Atoms and Molecules.	Chemical formulae Atomic mass, molecular mass, Mole concept, Numerical on Mole concept Back Exercise numericals	2 1 1 2 1	7		
Completion of syllabus by 11th February 2019 Revision 12th February – 15th February 2019 Annual Exams 16th February- 26th February 2019 PTM on 14th March 2019 New Session Begins on 18th March 2019								

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