



FORTNIGHTLY SYLLABUS PLANNING (2025-26)

CLASS IX SUBJECT-SCIENCE

New Session begins on 1 st April 2025				
S.no.	Duration	No. of Teaching Days	Theory	Practical/ Activity
1	1 st April-15 th April	10	Ch 1-Matter in our surroundings (Introduction) Ch 7– Motion (Introduction) Ch 5 The fundamental unit of life (Introduction)	
2	16 th April- 30 th April	10	Ch 1-Matter in our surroundings (upto states of matter) Ch 7 – Motion (contd.) Ch 5 The fundamental unit of life (upto Plasma membrane)	*To Prepare a temporary mount of onion peel cells and human cheek cells
3	1 st May- 15 th May	10	Ch 1-Matter in our surroundings (upto change of state) Ch 7 – Motion(contd.) Ch 5 The fundamental unit of life(upto Nucleus)	*To determine the melting point of ice and the boiling point of water.
Unit Test – 5 th May – 9 th May 25				
4	16 th May-31 st May	6	Ch 1-Matter in our surroundings (contd.) Ch 8-Force and Laws of motion(introduction) Ch 5 The fundamental unit of life (cell organelles)	
Summer Vacations:26 th May – 30 th June 25				
5	1 st July- 15 th July	11	Ch 2 Is matter around us pure? (upto Suspensions) Ch 8-Force and Laws of motion(contd.) Ch 5 The fundamental unit of life(Contd)	
Periodic Test-1: 11 th July – 23 rd July 25				
6	16 th July-31 st July	12	Ch 2 Is matter around us pure? (upto Colloids) Ch 8 Force and Laws of motion (contd.) Ch 6 Tissues(Introduction)	*To prepare a true solution, a suspension and a colloid *To study plant tissues from permanent slides
7	1 st Aug- 15 th Aug	10	Ch 2 Is matter around us pure (till physical and chemical changes) Ch 9 Gravitation(introduction) Ch 6 Tissues(Plant tissues)	*Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
8	16 th Aug- 31 st Aug	10	Ch 2 Is matter around us pure(contd.) Ch 9 Gravitation(contd.) Ch 6 Tissues(Plant tissues)	*To prepare a mixture and compound using iron filings and sulphur powder and compare them *To study various types of Chemical reactions and observe the type of change
Syllabus Completion for Periodic Test 2: 29 th Aug 2025				
Internal Assessment for Periodic Test 2: April 25 – Sept 25				
9	1 st Sept-15 th Sept	9	REVISION	
Periodic Test 2- 15 th Sept- 26 th Sept 25				
Autumn Break- 30 th Sept – 2 nd Oct 25				
10	1 st Oct- 15 th Oct	8	Ch 3 Atoms & Molecules (Introduction) Ch 9 Gravitation(contd.) Ch 6 Tissues (Animal tissues)	*Establishing the relation between the loss in weight of a solid when fully immersed in a) Tap water b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.
11	16 th Oct-31 st Oct	8	Ch 3 Atoms & Molecules (upto laws of chemical combination) Ch 9 Gravitation (contd.) Ch 10 Work and Energy (Introduction) Ch 6 Tissues (Animal tissues)	*To verify Law of Conservation of mass *To study animal tissues from permanent slides

Diwali Break : 20th Oct - 23rd Oct 25				
12	1 st Nov -15 th Nov	9	Ch 3 Atoms & Molecules (upto writing Chemical Formulae) Ch 10 Work and Energy (contd.) Ch 6 Tissues (Animal tissues)	
13	16 th Nov-30 th Nov	10	Ch 3 Atoms & Molecules(contd.) Ch 10 Work and Energy (contd.) Ch 15 Improvement in food resources (Upto Crop production management)	
Annual Day – 29th Nov 25				
14	1 st Dec- 15 th Dec	11	Ch 4 Structure of Atom (Introduction) Ch 10 Work and Energy (contd.) Ch 15 Improvement in food resources (Crop protection management)	
Periodic Test-3: 8th Dec – 19th Dec 25				
15	16 th Dec-31 st Dec	8	Ch 4 Structure of Atom (upto Rutherford's model) Ch 11 Sound (introduction) Ch 15 Improvement in food resources (Animal husbandry)	*Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).
Winter Break- 29th Dec - 9th Jan 26				
16	1 st Jan -15 th Jan	4	Ch 4 Structure of Atom (cont.) Ch 11 Sound (contd.) Ch 15 Improvement in food resources (Animal husbandry)	
17	15 th Jan- 31 st Jan	11	Ch 4 Structure of Atom (cont.) Ch 11 Sound (contd.) Ch 15 Improvement in food resources (Animal husbandry)	
Syllabus Completion for Annual Examination : 30th Jan 26				
18	1 st Feb -6 th Feb	5	REVISION	
Internal Assessment for Annual Examination: October 25 – January 26				
Annual Exam begins: 9th Feb 26				

TOTAL TEACHING DAYS: 162

SYLLABUS FOR ASSESSMENT

Exam	Test Date	Syllabus
UNIT TEST	5/5/25	Chem Ch 1-Matter in our surroundings (upto states of matter) Phy Ch 7 –Motion (till acceleration) Bio. Ch 5 The fundamental unit of life (till plasma membrane)
PERIODIC TEST 1	21/7/25	Chem Ch 1-Matter in our surroundings (upto states of matter) Phy Ch 7 – Motion, Ch 8-Force and Laws of motion (till first law) Bio. Ch 5 The fundamental unit of life
PERIODIC TEST 2	22/9/25	Chem Ch 1,2 Phy Ch 7,8,9 (till universal law of gravitation) Bio. Ch 5 The fundamental unit of life, Ch 6 Tissues (till Plant tissues Pg 73 NCERT)
PERIODIC TEST 3	17/12/25	Chem Ch 1(change of states), Ch 2,Ch3(till Chemical formulae) Phy Ch 9 Gravitation.,10(till kinetic energy) Bio. Ch 5 The fundamental unit of Life (Cell organelles) Ch. 6 Tissues (Animal tissues)
ANNUAL EXAMINATION		Chem Ch 1,2,3,4 Phy Ch 7,8,9,10,11 Bio. Ch 5,6,15