FORTNIGHTLY SYLLABUS PLANNING (2023-24)
CLASS IX
SUBJECT-SCIENCE

New Session begins on 3rd April, 2023				
S.no.	**Duration**	**No. of Teaching Days**	**Theory**	**Practical/ Activity**
1	1st April-15th April	7	Ch 1-Matter in our surroundings (Introduction) Ch 7– Motion (upto uniform and non -uniform motion) Ch 5 The fundamental unit of life (Introduction)	
Unit Test – 17th April – 15th May 23				
2	16th April- 30th 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	1st May- 15th 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.
4	16th May-31st May	9	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:29th May – 30th June'23				
5	1st July- 15th July	10	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: 10th July - 7th August 23				
6	16th July-31st July	11	Ch 2 Is matter around us pure? (upto Colloids) Ch 8 Force and Laws of motion (contd.) Ch 9 Gravitation(introduction) Ch 6 Tissues(Introduction)	*To prepare a true solution, a suspension and a colloid *To study plant tissues from permanent slides
7	1st Aug- 15th Aug	10	Ch 2 Is matter around us pure (upto separation of components) Ch 9 Gravitation(contd.) Ch 6 Tissues(Plant tissues)	*Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder.
8	16th Aug- 31st Aug	11	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: 31st Aug 2023 **Internal Assessment for Periodic Test 2: April 23 – Sept 23** **Practicals for Periodic Test 2: 6th Sept – 13th Sept 23**				
9	1st Sept-15th Sept	7	**REVISION**	
Periodic Test 2- 13th Sept- 25th Sept 23				
10	1st Oct- 15th Oct	9	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.
Autumn Break- 23rd Oct- 24th Oct 23				
11	16th Oct-31st Oct	10	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

12	1st Nov -15th Nov	8	Ch 3 Atoms & Molecules (upto writing Chemical Formulae) Ch 10 Work and Energy (contd.) Ch 6 Tissues (Animal tissues)	
Diwali Break : 13th Nov - 15th Nov'23 **Annual Day – 24th Nov 23**				
13	16th Nov-30th Nov	8	Ch 3 Atoms &Molecules(contd.) Ch 10 Work and Energy (contd.) Ch 15 Improvement in food resources (Upto Crop production management)	
Periodic Test-3: 6th Dec -18th Dec'23				
14	1st Dec- 15th Dec	11	Ch 4 Structure of Atom (Introduction) Ch 10 Work and Energy (contd.) Ch 15 Improvement in food resources (Crop protection management)	
15	16th Dec-31st Dec	9	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- 1st Jan - 12th Jan'24				
16	15th Jan- 31st Jan	12	Ch 4 Structure of Atom (cont.) Ch 11 Sound (contd.) Ch 15 Improvement in food resources (Animal husbandry)	
Syllabus Completion for Annual Examination : 31st Jan'24				
17	1st Feb -16th Feb	5	**REVISION**	
Internal Assessment for Annual Examination: October 23 – January 24 **Practicals for Annual Examination: 1st Feb – 7th Feb 24**				
Annual Exam begins: 18th Feb'24				

SYLLABUS FOR ASSESSMENT

Exam	Test Date	Syllabus
UNIT TEST	1/5/23	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	17/7/23	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	18/9/23	Chem Ch 1,2 Phy Ch 7,8,9(till universal law of gravitation) Bio. Ch5 The fundamental unit of life, Ch 6 Tissues (till Plant tissues Pg 73 NCERT)
PERIODIC TEST 3	8/12/23	Chem Ch 1(change of states),Ch 2(separation techniques) ,Ch3(till Chemical formulae) Phy Ch 7,8,9,10(till kinetic energy Bio. Ch 5 The fundamental unit of Life (Cell organelles) Ch. 6 Tissues (Animal tissues)
ANNUAL EXAMINATION	14/2/23	Chem Ch 1,2,3,4 Phy Ch 7,8,9,10,11 Bio. Ch 5,6,15