



Fortnightly Syllabus Planning (2019-20)

Class - IX

Subject - Science

New Session begins on 1st April , 2019

S.No	Duration	No. of Teaching Days	Syllabus to be planned		Weightage in Board(Theory)
			Theory	Practical	
1	1 st April – 15 th April	11	Ch 1-Matter in our surroundings (Introduction) Ch 8.Motion (introduction) Ch 5-Fundamental Unit of life (Introduction)		
2	16 th April – 30 th April	9	Ch 1-Matter in our surroundings (upto states of matter) Ch 8-Motion (upto Graphical Representation) Ch 5-Fundamental Unit of life (upto cytoplasm)	1.To prepare a temporary mount of Onion peel cells or human cheek cells	
3	1 st May – 15 th May	11	Ch 1-Matter in our surroundings (upto change of state) Ch8.Motion (cont.) Ch 5-Fundamental Unit of Life (Cell organelles)	2.To determine the melting point of ice and the boiling point of water.	
4	16 th May - 31 st May	2	Ch 1-Matter in our surroundings (contd.) Ch 8 Motion (cont.) Ch 6.Tissues (Introduction)		
Summer Vacations: 18th May – 30th June'19					
Periodic Test - 1: 22nd July - 19th August'19					
5	1 st July – 15 th July	11	Ch 2 Is matter around us pure?(upto Suspensions) Ch 9 .Force and Laws of Motion (first law of motion and inertia) Ch 6 Tissues (Plant Tissues)		
6	16 th July – 31 st July	12	Ch 2 Is matter around us pure?(upto Colloids) Ch 9 .Force and Laws of Motion (third law of motion) Ch 6 Tissues (Animal Tissues)	3. To prepare a true solution,a suspension and a colloid 4. To study permanent slides of plant tissues.	
7	1 st August – 15 th August	9	Ch 2 Is matter around us pure(upto separation of components) Ch 9 .Force and Laws of Motion (cont.) , Ch 10 Gravitation Ch 6.Tissues(contd.) Ch 15.Improvement of Food Resources (introduction)	5. To determine the density of an unknown object using spring balance and a measuring cylinder 6.To study permanent slides of animal tissues.	
8	16 th August – 31 st August	11	Ch2.Is matter around us pure(contd.) Ch 10 Gravitation (cont.) Ch15.Improvement of Food Resources (contd.)	7.To establish a relation between loss in weight of an object when immersed in tap water and strongly salty water. 8.To prepare a mixture and compound using iron filings and sulphur powder and compare them 9.To study various types of Chemical reactions and observe the type of change	
Syllabus completion for Periodic Test - 2: 30th August'19					

9	1 st Sept – 15 th Sept	8	REVISION	
Periodic Test - 2: 12th September – 30th September'19 Autumn Break: 5th - 8th October'19				
10	1 st Oct – 15 th Oct	8	Ch 3.Atoms & Molecules (introduction) Ch 10 Gravitation(cont.) Ch 13.Why do we fall ill?(upto means of spread)	
Diwali Break: 26th - 29th October'19				
11	16 th Oct – 31 st Oct	10	Ch 3.Atoms & Molecules(upto writing Chemical Formulae) Ch 11 Work and Energy(cont.) Ch 13.Why do we fall ill?(contd)	10.To verify Law of Conservation of mass
12	1 st Nov – 15 th Nov	10	Ch 3 Atoms &Molecules(contd.) Ch 11 Work and Energy Ch 14 Natural Resources	
Annual Day: 16th November'19				
13	16 th Nov - 30 th Nov	10	Ch 3 Atoms &Molecules(mole concept) Ch 11 Work and Energy(cont.) Ch 7 Diversity in living Organisms(upto 5 kingdom classification)	
Periodic Test - 3: 10th December - 23rd December'19				
14	1 st Dec – 15 th Dec	10	Ch 3 Atoms &Molecules(contd.) Ch.4 Structure of Atom(Introduction) Ch 11 Work and Energy(cont.) Ch 7 Diversity in living Organisms(upto plant kingdom)	11.To study the Plant specimens
15	16 th Dec – 31 st Dec	9	Ch 4 Structure of Atom(upto Rutherford's model) Ch 7 Diversity in living organisms(Animal kingdom) Ch 12 Sound	12.To study the animal specimens
Winter break: 30th Dec - 12th January'20				
16	1st Jan-15th Jan	3	Ch 4 Structure of Atom(contd.) Ch 12 Sound (cont.) Ch 7 Diversity in living organisms(Animal kingdom)	13.To find the speed of transverse and longitudinal pulse in a slinky
17	16 th Jan - 31 st Jan	12	Ch 4 Structure of Atom(contd.) Ch 12 Sound (cont.) Ch 7 Diversity in living organisms(Animal kingdom & Binomial nomenclature)	14.To verify the laws of reflection of sound
18	1 st Feb – 15 th Feb	9	REVISION	
Syllabus completion for Annual Examination: 31st January'20				

Syllabus for Assessment

Exam	Test Date	Syllabus
CLASS TEST	6.05.19	Ch 1-Matter in our surroundings (upto states of matter) Ch 8 (till acceleration) Ch 5(till cytoplasm)
PERIODIC TEST 1	13.08.19	Ch 1,8,9(till second law of motion) Ch 5,Ch 6(till plant tissues)
PERIODIC TEST 2	16.09.19	Ch 1,2 ,8,9,10,5,6,15
PERIODIC TEST 3	16.12.19	Ch 1(change of states),Ch2(separation techniques)Ch3(till Chemical formulae),10,11,12,Ch5(cell organelles),Ch6(plant tissues),Ch15(crop production management),Ch13,Ch7(till five kingdom classification),Ch 14(Biogeochemical cycles)
ANNUAL EXAMINATION		Ch 1,2,3,4,5,6,7,8,9,10,11,12,13,14,15