

SPLIT-UP SYLLABUS SESSION 2022-2023

CLASS-IX SUB-SCIENCE AND TECHNOLOGY

MONTH	NO.OF WORKING DAYS	DETAIL SYLLABUS	PRACTICAL
APRIL	24	The Fundamental Unit of Life, Matter in Our Surroundings, Motions.	
JUNE	13	The Fundamental Unit of Life, Matter in Our Surroundings, Motions.	1.Preparation of true solution, suspension and colloidal solution experiment
JULY	26	The fundamental unit or life Tissue, Is Matter Around Us Pure, Forces and Newton's Laws.	1.Onion peel experiment 2.Cheek cell experiment 3.Determination of the density of solid (denser than water) by using a spring balance and a measuring cylinder. 4.Preparation of mixture and compound by using Iron fillings and sulphur powder experiment
AUGUST	22	Tissue Is Matter Around Us Pure, Gravitation, Floatation.	1.Plant and animal Tissue experiment 2.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. 3.Classify the reactions into physical and chemical change Iron with copper sulphate Burning of magnesium ribbon in air Zinc with dilute sulphuric acid Heating of copper sulphate crystals

			4.Determination of melting point of ice and the boiling of water
SEPTEMBER	26	REVISION/HAI F YEARLY EXAMINATION 50% OF SYLLABUS	
OCTOBER	17	Work Energy and Power Food production Atoms and molecules	
NOVEMBER	24	Atoms and Molecules, Sound Food production	1.Verificationof the Laws of reflection of sound. 2.Verification of the law of conservation of mass in chemical reaction
DECEMBER	27	Revision- food production Structure of atom Sound	Determination of the speed of a pulse propagated through a stretched string/slinky (helical spring).
JANUARY	24	Port folio-Natural Resources Physics -Revision. Chemistry - Revision	
FEBRUARY	16	REVISION	
		REVISION/ANNUAL ACTIVITY/PRACTICAL	
TOTAL	219		

25% SYLLABUS (CLASS-IX) PT-1

S.NO.	NAME OF CHAPTER
1.	Cell- The Fundamental Unit of Life
2	Matter in Our Surroundings
3	Motions

50% MID TERM SYLLABUS (CLASS-IX)

S.NO.	NAME OF CHAPTER
1.	The Fundamental Unit of Life
2.	Tissue
3	Matter in Our Surroundings
4.	Is Matter Around Us Pure
5.	Motions
6.	Forces and Newton's Laws
7	Gravitation
8	Floatation

25% SYLLABUS AFTER MID TERM (CLASS-IX) PT-3

S.NO.	NAME OF CHAPTER
1.	Improvement in food production
2	Atoms and molecules
3	Work Energy and Power

NOTE: List of experiments and design of question paper, as per CBSE syllabus of 2022-23.