

SPLIT-UP SYLLABUS SESSION 2023-2024

CLASS-IX SUB-SCIENCE AND TECHNOLOGY

MONTH	NO.OF WORKING DAYS	DETAIL SYLLABUS	PRACTICAL
APRIL	20	The Fundamental Unit of Life, Matter in Our Surroundings, Motions.	
JUNE	04	The Fundamental Unit of Life, Matter in Our Surroundings, Motions.	1.Preparation of true solution, suspension and colloidal solution experiment
JULY	24	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 sulphurpowder experiment
AUGUST	25	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

			andthe boiling of water
SEPTEMBER	13	REVISION/HAIF YEARLY EXAMINATION 50% OF SYLLABUS	
OCTOBER	20	Work Energy and Power Food production Atoms and molecules	
NOVEMBER	18	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	24	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	

25%SYLLABUS(CLASS-IX) PT-1

S.NO.	NAME OF CHAPTER
1.	Cell- TheFundamental 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 2023-24.