

				distance and displacement • Represent the different types of motion on graph		
Ch-12 Improvement of food resources	DATE: 3/7/23 Ch-5 The fundamental unit of life Ch-7 Motion Ch-1 Matter in our surroundings Ch-2 Is matter around us pure Ch-12 Improvement of food resources	Exp-2 Preparation of a mixture compound.	*Explain Nutrient management, Irrigation and cropping pattern	https://www.youtube.com/watch?v=5RQU2V1CCAk	Zero Hunger	
Ch-1 Matter in our surroundings		Exp-6 Determination of* the melting point of ice and the boiling point of water.	Define Latent heat and find out the reason for constant temperature at the time of state conversion at boiling and melting points *Provide explanation for real life situations that demonstrate effects of evaporation.	https://www.youtube.com/watch?v=ZCzgQXGz9Tg&t=11s https://www.youtube.com/watch?v=mP4Hgui-g6U&t=49s	Responsible consumption and production	
Ch-2 Is matter around us pure		Exp-1 a true solution of common salt, sugar and alum	• Identify the technique used to	https://www.youtube.com/watch?v=hfeBHx6bD3k	Industry innovation and infrastructure	

				separate different mixtures • Distinguish between solution, colloid and suspension	https://www.youtube.com/watch?v=T5KhzfBAabzg	
PT2 (JULY-AUG)	Ch-6 Tissue	DATE: 24/7/23 Ch-6 Tissue Ch-8 Force and law of motion	Exp- 5. Identification of tissue in plants and animals.	• Draw flow chart for plant and animal tissues • Distinguish between striated, unstriated and cardiac muscle , different types of meristematic tissues	https://drive.google.com/file/d/1CXafZxz0wYe792EwKdCjDbA63ZSn5Zt2/view?usp=sharing https://www.youtube.com/watch?v=DebIq3fEBVo	Good health and well being
	Ch-8 Force and law of motion			• Deduce the mathematical expression $F=ma$ • List real life example based on the Newton's laws of motion • Understand the correlation of mass and inertia	https://www.youtube.com/watch?v=erghLWXDScI https://www.youtube.com/watch?v=8YhYqN9BwB4	Industry innovation and infrastructure
HALF YEARLY (SEP)	Ch-9 Gravitation	Syllabus covered till September	Exp-8 Determination of *E	Explain the universal law of gravitation *Calculate the	https://www.youtube.com/watch?v=c9shwPMpSq8	Industry innovation and infrastructure

			Exp-9 Establishing the relation between the loss in weight of a solid when fully immersed in tap	related numericals *differentiate between mass and weight	https://www.youtube.com/watch?v=d-MpQjIgszs	
PT3 (NOV-DEC)	Ch-3 Atoms and Molecules	DATE: 24/11/23 Ch-4 Structure of an atom Ch-10 Work and energy	Exp-11 Verification of the law of conservation of mass in a chemical reaction.	<ul style="list-style-type: none"> • Create chemical formula on the basis of valencies through criss- cross method. • Calculate numerical based on mole concept. 	https://www.youtube.com/watch?v=4q2eIWPfB6A	Reduced inequalities
	Ch-4 Structure of an atom		Exp-7 Verification of the Laws of reflection of sound.	<ul style="list-style-type: none"> • Explain Thomson's and Rutherford's model of an atom and their limitations 	https://www.youtube.com/watch?v=1EdTw4I6L0U https://www.youtube.com/watch?v=B-k_kMwB1zM	Affordable and clean energy
	Ch-10 Work and energy			<ul style="list-style-type: none"> • Illustrate the types of work with the help of different examples. • Correlate the concept of work and energy. • Correlate the concept of transformation of 	https://www.youtube.com/watch?v=xGc9f0SUq2w https://www.youtube.com/watch?v=IqV5L66EP2E	Affordable and clean energy

				energy with their daily life.		
PRE FINAL	Ch- 11 Sound	Syllabus covered till December	Exp-10 Determination of the speed of a pulse through a slinky.	*Differentiate between longitudinal and transverse waves *Explain the applications of ultrasonic sound	https://drive.google.com/file/d/0Bx2hCsh_xBXUQXBqY3ZZYzBoS1E/view?usp=sharing&resourcekey=0-D67FooDDoBkYtZPNkoCqmQ	Good health and well being
FINAL TERM (FEB)	100% SYLLABUS WILL BE REVISED	100% SYLLABUS COVERED TILL DATE WILL BE TESTED				