

SALWAN PUBLIC SCHOOL, RAJENDRA NAGAR
CLASS – X
LESSON PLAN
CHAPTER-7: Control and Coordination

Unit	Science (Chapter -7 Control And Coordination)
Class Transaction	Total: 5 periods (approx. 40 min each)
Pre-requisite for the course	This lesson requires: 1. Basic knowledge of basic terms like Sense organs, Neuron, Brain, Spinal Cord, Endocrine System etc. 2. Relation of nervous system and endocrine system with the function of control and coordination. 3. Recognition of sense organs as gateways for receiving information from the environment. 4. Recall of nerve cell as the basis structural and functional unit of nervous system. 5. Identification of the components of Central nervous system and Peripheral nervous system. 6. Description of the major regions of human brain and their functions. 7. Listing of plant and animal hormones and their functions. 8. Knowledge of plant movements as Tropic and Nastic..
Learning Outcomes	KNOWLEDGE: Students will be able to: • Understand that the control and coordination are the outcome of the hormones and nervous system. • Know the responses of Nervous system as Reflex action, Voluntary action and Involuntary action. • Functionally understand that Chemical coordination is found both in plants and animals. • Draw structure of neuron, reflex arc and Human brain. • Understand that the Feedback mechanism regulates the action of the hormones. SKILLS and COMPETENCIES 1) Analytical skills (scrutinizing a response as reflex voluntary and involuntary) 2) Problem solving (investigating and applying established principles to justify an observation) 3) Critical thinking (Competitive evaluation of given information) 4) The ability to understand complex concepts (transmission of nerve impulse from one nerve cell to another and role of synapse) 5) Teamwork and communication skills (working effectively with others)

Methodology (The teacher can use the mentioned techniques, wherever applicable ,and can use any other too.)	Strategies used- Evidence-based active-learning instructional strategies, Think pair share Transaction would proceed in the following manner- Brain Storming-The class would start with a discussion on what the students have already learnt in the previous classes and hence what is it
	that they would learn now. They would also be told the significance of the topic that they would be studying. Real time monitoring- clicker questions like; why is control and coordination essential? What is stimuli? Introduction of the topic- ppt and Digital Content would be shared Guided practice followed by Independent Practice- NCERT questions to be discussed in the classroom. Techniques to be used: Quiz Daily Practice Problem MCQ Peer Assessment Lab Activities Any Other
Self-Study, Homework Assignments	Independent Practice: Students would do the given questions in their H.W. notebooks as mentioned in the monthly planner. H.W. notebooks to be marked as per the given plan: Assessment Parameters: The total marks for the activity is 5 marks On time submission.....1 mark Presentation/ Neatness.....1 mark Content.....3 marks It is also advised that the students come to the class with proper background knowledge of the topic under discussion. They can refer to the resources stated above.