

**FORMAT FOR DESIGNING KPIs:
X Biology**

SHEET 1-

What are the problems?	Compilation of problems	Categorization of Problems (Subjective & Behavioral)
<ul style="list-style-type: none"> • Elusiveness in the concepts based on various physiological processes. (Understanding) • Difficulty in analyzing and identifying the diagrams, specimens. (Analysis) • Difficulty in comparing and contrasting. (Analysis & Application) • Lack of interest in drawing diagrams. • Ignorance towards the instructions for preparing the temporary mounts. • Difficulty in solving the reasoning questions. (Analysis & Application) • Lack of reading of the various intext activities given in the NCERT. • Lack of practice of NCERT questions and content, they are more inclined towards the references. 	<p>Students face problems based on analytical skills, application and understanding.</p>	<p>Subjective Problems :</p> <ul style="list-style-type: none"> • Students face problem in understanding the physiology and mechanism of various processes like, urine formation, photosynthesis, action of enzymes, structure and functioning of brain. • Difficulty in application of concepts in comparing and contrasting • Students face problem in solving the reasoning questions by applying the learned concepts. <p>Behavioural Problems :</p> <ul style="list-style-type: none"> • Students lack focus and perform careless mistakes during performing the experiment in the lab. • Lack of regular practice of diagrams. • Lack of practice of content of NCERT.

SHEET 2- (To be prepared in Excel)

ANNUAL PEDAGOGICAL PLAN (Grade ___ - SUBJECT)

KPI NAME	KPI DEF. NO	KPI DEFn.	WHERE ARE WE NOW? (scale & description)	KPI GOAL	KPI LIMIT	WHAT WE NEED TO DO?	HOW WILL IT BE ACHIEVED?	KPI MEASUREMENT	REVIEW	KPI REPORTING	KPI ACHIEVEMENT	KPI IMPROVEMENT
Understanding skills in students of class X	1	To improve the understanding of students of various physiological processes as well as the functioning and secretion of various enzymes and hormones.(L.P.1,2)	Appr. 60% students are able to understand the physiology of various life processes like excretion, photosynthesis and the functioning of various enzymes and hormones. .	70%	±3	1. We will help the student to observe minor details while demonstrating the slides. 2. Help them to understand the role and locations of various physiological processes, and secretions. 3. We will give individual practice of diagrams on class board for better understanding of the concepts. 4. Peer learning can be developed. 5.To make charts of the relevant topic,	<ul style="list-style-type: none"> Highlighting the minor details through performing the hands on activities. Encourage students for practicing the diagrams. By giving them a sheet containing various typology of diagrams and other questions for better understanding. By taking a regular follow up through 	By conducting class test after finishing the chapter.	After completion of chapter.	At the end of the term.		

						and paste in class.	class tests. <ul style="list-style-type: none"> By discussing the common errors made by students after every test to be conducted after completing the topics. 					
Application and analytical skills in students of class X	2	To improve the application and analytical skills of the students while solving various questions (L.1,2)	Appr. 40% of the students are able to apply the learned concepts to analyze and solve the various problems/Questions.	50%	±3	<ul style="list-style-type: none"> Need to improve the ability of students to apply the learned concepts to solve various questions. Need to improve the ability of reasoning, comparing and contrasting in the students. Need improve the habit of reading intext activities of NCERT. 	<ul style="list-style-type: none"> By giving them the practice of HOTS. By organizing panel discussion on the roles of various hormones and enzymes. By providing them experiential learning. By exposing them to the digital content of the relevant topic By conducting class test after completion of topic. By inculcating the habit of reading NCERT and solving questions 	By conducting class test after finishing the chapter	After completion of chapter.	At the end of the term.		

							<p>based on it.</p> <ul style="list-style-type: none">• By taking regular revision of the topic.						
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