

**FORMAT FOR DESIGNING KPIs:
IX 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 the vicinity of various cell organelles, cell structure. (Understanding) • Difficulty in analyzing and identifying the diagrams, specimens. (Analysis) • Difficulty in comparing and contrasting the prokaryotic & Eukaryotic cells. (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 structure of cell. • 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 IX	1	To improve the understanding of vicinity of various cell organelles in a cell.(L.P.1)	Appr. 60% students are able to understand the vicinity of various cell organelle in the cell.	70%	±3	<ol style="list-style-type: none"> 1. We will help the student to observe minor details while demonstrating the slides of cells. 2. Help them to understand the role and locations of various cell organelles. 3. We will give individual practice of diagrams on class board for better understanding of location of cell organelles. 4. Peer learning can be developed. 	<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 unlabeled diagram of cell for their better understanding. • By taking a regular follow up through class tests. 	By conducting class test after finishing the chapter.	After completion of chapter.	At the end of the term.		

							<ul style="list-style-type: none"> • By discussing the common errors made by students labelling the vicinity of various cell organelles in a cell. • By organizing role play on various cell organelles. 					
Application and understanding skills in students of class IX	2	To improve the application and identification of various parts of a cell in students (L.P.1)	Appr. 50% of the students are able to apply the learned concepts and identify the various diagrams of L.1	60%	±3	<ul style="list-style-type: none"> • Help them to understand the concept by giving them continuous practice. • Help them to analyze and apply the learned concepts. • Peer learning can be developed. 	<ul style="list-style-type: none"> • By giving them more practice through worksheets • By clearing their doubts and giving them personal attention while they are solving sheets. • By Taking class test after topics and explaining the minor mistakes made by them. 	By conducting class test after finishing the chapter.	After completion of chapter.	At the end of the term.		
Analysis and analytical skills in students of class IX	3	To improve analytical and analyzing skills in the students (L.P.1)	Appr. 60% of the students are able to apply the learned concepts to compare,	70%	±3	<ul style="list-style-type: none"> • Help them to understand the concept properly • Help them 	<ul style="list-style-type: none"> • By using digital content better understanding of the concept could be developed. • Giving them 	By conducting class test after finishing the chapter.	After completion of chapter.	At the end of the term.		

contrast and solve the reasoning questions.

to solve various problem sheets.

- Helps them to correlate the concept with the daily life.

various practice sheets and class tests.

- Discussing the mistakes made by them after evaluating their practice sheets and test sheets.
- Developing the better understanding of concept by inculcating the habit of reading NCERT thoroughly.
- Giving practice of questions from the NCERT exemplar for improving analytical, analyze and reasoning skills.

