

Teacher	Pankaj Hirkur
Class	IX
Topic	The Fundamental Unit of Life
Time Line	Week 01 – April 27 to May 02, 2020
Learning Outcomes	<ul style="list-style-type: none"> • Explain the structure of various cell organelles. • Draw diagrams of plant cell, animal cell and various cell organelles. • Create a flow chart on the basis of structure and function of cell organelles. • Distinguish between prokaryotic cell and eukaryotic cell. • Identify difference between Hypertonic, Hypotonic and Isotonic solution.
Transaction Methodology	<p>Transaction should proceed in the following manner-</p> <p><i>Introduction of the topic-</i> Teaching Video, PPT and Digital Content on Diksha App</p> <p>1. Open the Diksha App click on English Medium > Click on Class 9>Under Science click on Class 9 Science> Click on Lesson The Fundamental Unit of Life > Click on Explanation Content> Watch Classroom Teaching video on The Fundamental Unit of Life></p> <p>After watching video click on Click on Explanation videos, please go through following videos.</p> <ul style="list-style-type: none"> • Biology Fundamental Unit of Life part 5 (Structure of cell- Plasma membrane) • Biology Fundamental Unit of Life part 6 (Structure of cell- Cell wall) • Biology Fundamental Unit of Life part 10 (Golgi apparatus, Lysosomes) <p>Click on the Question Bank. Solve the multiple choice questions and very short answer questions, short answer questions and long answer questions based on the <u>Cell Structure</u>.</p>
Assessment of qualifying knowledge	<p>1. Multiple Assessment Activity (MCQ):</p> <p>Solve and write the multiple choice questions and very short answer questions on the foolscape ruled sheets the MCQs based on what you have learnt about <u>Cell Structure</u> and maintain record in a file for Multiple Assessment.</p> <p>2. Subject enrichment activity:</p> <p>Draw the following diagrams associated with <u>Cell Structure</u>:</p> <ol style="list-style-type: none"> 1. Plant Cell 2. Animal Cell
Submission	<p>Students should scan the following and email on pankaj.hirkur@nehs.in on or before May 02, 2020.</p> <ol style="list-style-type: none"> 1. Multiple Assessment Activity(MCQ) 2. Subject enrichment Activity <p>For any queries you may contact me on 09822 506090.</p> <p>The hard copy to be submitted as and when you report to the school.</p> <p>Please note the above activities are mandatory and part of your Internal Assessment.</p>
Resources	<ol style="list-style-type: none"> 1. Diksha App 2. NCERT Science Text Book