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| Teacher | Pankaj Hirkur |
| Class | IX |
| Topic | The Fundamental Unit of Life |
| Time Line | Week 03 – May 11 to May 16, 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 videos and please go through following videos about the activity based on Study of Plant cell and Animal cell:</p> <ul style="list-style-type: none"> • To prepare a stained, temporary mount of onion peel to study the characteristics of plant cell. • To prepare a temporary mount of human cheek epithelial cells to study the characteristics of animal cell. <p>Click on the Question Bank. Solve the different types of questions based on the activities to Study of Plant cell and Animal cell.</p> |
| Assessment of qualifying knowledge | <p>1. Multiple Assessment Activity:</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 activity based on Study of Plant cell and Animal cell. Maintain record in a file for Multiple Assessment.</p> <p>2. Subject enrichment activity:</p> <p>Draw the respective diagrams and procedure associated with the activities.</p> |
| Submission | <p>Students should scan the following and email on pankaj.hirkur@nehs.in on or before May 16, 2020.</p> <p>1. Multiple Assessment Activity(MCQ) 2. Subject enrichment Activity</p> <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 | <p>1. Diksha App 2. NCERT Science Text Book</p> |