

<b>Teacher</b>	<b>Pankaj Hirkur</b>
<b>Topic</b>	<b>Nutrition</b>
<b>Time Line</b>	<b>Week 03 – May 11 to May 16, 2020</b>
<b>Learning Outcomes</b>	<p>Understand the nutrition, respiration, transportation and excretion in plants and animals.</p> <p>Appreciate the importance of different organs present in various systems and how effectively they collaborate with each other so that different systems can work effectively.</p> <p>Design positive methods/techniques to bring a positive change in the life style so as to prevent the various diseases related to various systems.</p> <p>Develop citizenship by visualising and observing the given scenarios in day to day lives and present it to sensitize others.</p>
<b>Transaction Methodology</b>	<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 &gt; Click on class 10&gt;Under Science click on class 10 Science&gt; Click on Lesson Life Processes&gt; Click on Classroom Teaching Videos and Explanation videos about nutrition.</p> <p>Later, study these activities based on autotrophic nutrition from the NCERT Science Textbook. You can take help of the internet for the procedure and other details as it is not very clearly illustrated in the textbook.</p>
<b>Assessment of qualifying knowledge</b>	<p><b>Subject enrichment activity:</b></p> <p>a) Record the activities based on photosynthesis on a separate foolscap sheet.</p> <ul style="list-style-type: none"> <li>• CO<sub>2</sub> is necessary for photosynthesis.</li> <li>• Chlorophyll is necessary for photosynthesis.</li> </ul> <p>b) Draw neat and labelled diagrams necessary for both the above mentioned activities.</p>
<b>Submission</b>	<p>Students should scan the <b>Subject Enrichment Activity</b> and email on <a href="mailto:pankaj.hirkur@nehs.in">pankaj.hirkur@nehs.in</a> on or before May 16, 2020:</p> <p>For any queries you may contact me on <b>09822 506090</b>.</p> <p>The hard copy to be submitted as and when you report to the school. Please note the above activities are mandatory and part of your Internal Assessment.</p>
<b>Resources</b>	<p>1. Diksha App</p> <p>2. NCERT Science Text Book</p> <p>3. Google</p>