

**Gopi Birla Memorial School**  
**Annual Plan 2024-25**  
**Grade 10**  
**Biology**

| <u>Month</u>      | <u>Main Content/Chapters</u>  | <u>Activities</u>  |
|-------------------|---|--|
| April             | <b>Our Environment</b>  |  |
| June              | <b>Life Processes:</b> <ul style="list-style-type: none"> <li>• Nutrition</li> <li>• Respiration</li> <li>• Transportation (in Animals)</li> </ul>                                    | <ol style="list-style-type: none"> <li>1. Temporary mounting of a leaf peel to show stomata.</li> <li>2. Respiration- CO<sub>2</sub> is given by germinating seeds during respiration</li> </ol> |
| July              | <b>Life Processes:</b> <ul style="list-style-type: none"> <li>• Transportation (in Plants)</li> <li>• Excretion</li> </ul> <b>How do organisms reproduce?</b><br>Asexual reproduction | Identification and Observation of Permanent slides of: - <ol style="list-style-type: none"> <li>1. Binary Fission in Amoeba.</li> <li>2. Budding in Yeast cells and Hydra.</li> </ol>            |
| August            | <b>How do organisms reproduce?</b> <ul style="list-style-type: none"> <li>• Sexual Reproduction- in Plants</li> <li>• Sexual Reproduction- in Animals</li> </ul>                      | Identification of the different parts of an embryo of a dicot seed (Pea, gram or Kidney bean)  |
| September         | <b>Control and Coordination</b>   |  |
| October           | <b>Control and Coordination (Contd....)</b><br><br><b>Heredity</b>  |  |
| November          | <b>Heredity (contd....)</b>   |  |
| December          | <b>Revision/Prelims</b>   |  |
| January, February | <b>Revision/Prelims</b>   |  |