



# St. XAVIER'S HIGH SCHOOL

GRADE XII A (2026-2027)

JULY PLANNER

| SUBJECT                      | TOPIC  |
|------------------------------|--|
| ENGLISH                      | <p>Reading<br/>Comprehension (Factual based passage and descriptive passage)</p> <p>Creative Writing</p> <ul style="list-style-type: none"><li>• Article Writing</li></ul> <p>Literature</p> <p>Flamingo</p> <ul style="list-style-type: none"><li>• Poets and Pancake (Prose)</li><li>• A roadside stand (Poetry)</li></ul> <p>Vistas</p> <ul style="list-style-type: none"><li>• The Enemy</li></ul> |
| MATHEMATICS                  | <ul style="list-style-type: none"><li>• Chapter 6 Application of derivatives</li><li>• Chapter 7 Integrals</li></ul>   |
| PHYSICS THEORY               | <ul style="list-style-type: none"><li>• Chapter-6: Electromagnetic Induction</li><li>• Chapter-7: Alternating Current</li></ul>  |
| PHYSICS PRACTICAL            | <ul style="list-style-type: none"><li>• Section A Electricity</li></ul>  |
| CHEMISTRY                    | <ul style="list-style-type: none"><li>• Chapter 4 d&amp;f block Elements</li><li>• Chapter 7 Coordination Compounds</li><li>• Chapter 10 Biomolecules</li></ul>  |
| CHEMISTRY PRACTICAL          | <ul style="list-style-type: none"><li>• Functional group analysis</li></ul>  |
| BIOLOGY                      | <ul style="list-style-type: none"><li>• Chapter 7 Human Health and Diseases</li><li>• Chapter 8 Microbes in Human Welfare</li></ul>  |
| BIOLOGY PRACTICAL            | <ul style="list-style-type: none"><li>• Prepare a temporary mount of onion root tip to study mitosis</li><li>• Flowers adapted to pollination by different agencies (wind, insects, birds)</li><li>• Pollen germination on stigma through a permanent slide or scanning electron micrograph.</li><li>• Mendelian inheritance using seeds of different colour/sizes of any plant</li></ul>              |
| PHYSICAL EDUCATION THEORY    | <ul style="list-style-type: none"><li>• Physical Education &amp; Sports for CWSN</li></ul>   |
| PHYSICAL EDUCATION PRACTICAL | <ul style="list-style-type: none"><li>• Volleyball &amp; Basketball skills</li></ul>   |
| PSYCHOLOGY THEORY            | <ul style="list-style-type: none"><li>• Meeting Life Challenges</li></ul>  |
| PSYCHOLOGY PRACTICAL         | <ul style="list-style-type: none"><li>• Eyesnck's Personality Questionnaire</li></ul>  |
| IP THEORY                    | <ul style="list-style-type: none"><li>• Data visualization using Matplotlib</li></ul>  |
| IP PRACTICAL                 | <ul style="list-style-type: none"><li>• Numpy, Matplotlib, Plotting</li></ul>  |

Section Representative

Academic Coordinator

Principal