

**BRCM GYANKUNJ SCHOOL BAHAL**  
**SUMMER HOLIDAY HOME WORK-2026**  
**CLASS-XII(SCIENCE)**

SUBJECT	ASSIGNMENT
<b>ENGLISH</b>	<p>Note:</p> <ol style="list-style-type: none"> <li>1. Do all your ENGLISH assignments in your English copy.</li> <li>2. Workbook work in work book.</li> <li>3. Project Work to be done in practical file and speech writing on any topic you like in not more than 120 words.</li> </ol> <hr/> <ol style="list-style-type: none"> <li>1. Revise all the chapters done in the class from Flamingo and Vistas.</li> <li>2. Write all the answers of NCERT of all the lessons done in the class.</li> <li>3. Write summary of all the poems in not more than 120 words.</li> </ol> <p style="text-align: center;">Writing Skills</p> <ol style="list-style-type: none"> <li>1. Addiction to mobile phone is becoming a cause of concern today. It is impacting both physical and mental health of young and old alike. You attended a workshop on "Joy of Missing Out" organised by Home Association. As the local correspondent, write a report on the event. You are Rita/ Rakesh Shinde of Savitri Nagar.</li> <li>2. A one day cricket match was played by your school, Raman Public School against Wal Public School. Ratan Public School won the match by 14 runs. Write a report in 120 words in the same for your school magazine. You are Sonu/Sonam</li> <li>3. There are some places and communities in India where girl children are still denied education. You strongly feel that this hampers the progress of the country. Write an article in not more than 150 words on the topic ' Gender Equality need of an Hour. ' You are Sunita/Shiv.</li> <li>4. The concept of working from home has been a significant shift in the world today. Write a letter to the Editor of a national daily sharing your views on this shift and examine both the benefits and the negative effects of remaining indoor for work. You are Rachit Sharma a concerned citizen of 20 Bahubali Enclave, Delhi 110093.</li> <li>5. Draft an application for the post of an Accountant with biodata in Ruan International School Agra that was advertised in The Times of India. You are Keshav /kirtiof C 36 Yamuna Vihar, Delhi.</li> <li>6. You are Faiz/ Falak Mehta, living at 39, Udaipur Colony, Shimla. You decided to hold a dinner party to congratulate your grandparents on their golden wedding anniversary. Draft a formal invitation in not</li> </ol>

	<p>more than 50 words to all family members to attend a grand dinner at home.</p> <p>7. Send a formal invitation to Sh. KedarNath, a renowned Hindi writer to speak on Communal Harmony and National Integration. 'Imagine yourself as S K Kapur, Secretary, Deepak Club, Chandigarh.</p>
<b>HINDI</b>	<b>- सभी पठित - पाठों एवं कविताओं को पढ़कर उनका सारांश लिखिए एवं उससे संबंधित पांच - पांच बहुविकल्पीय प्रश्न बनाकर सही उत्तर सहित लिखिए ।</b>
<b>MATHEMATICS</b>	<p>Chapters Included:</p> <ol style="list-style-type: none"> <li>Chapter 1</li> <li>Chapter 2</li> <li>Chapter 5</li> <li>Chapter 6</li> <li>Chapter 7</li> <li>LPP (Linear Programming Problems)</li> </ol> <p>Instructions:</p> <ul style="list-style-type: none"> <li>- Solve 200 questions from the above chapters.</li> <li>- Do not include NCERT questions.</li> <li>- Complete all work neatly in a separate notebook.</li> <li>- Submit homework after holidays.</li> </ul>
<b>PHYSICS</b>	<p><b>Instructions:</b></p> <ul style="list-style-type: none"> <li>• The notes must be written in your dedicated <b>Physics notebook</b>.</li> <li>• Content should cover the <b>specific topics</b> assigned in the syllabus/class.</li> <li>• Ensure the notes include necessary diagrams, formulas, and key derivations for clarity.</li> <li>• The completed notebook will be reviewed and graded upon the reopening of the school.</li> </ul> <p>Students are encouraged to use this time to strengthen their conceptual understanding of the subject.</p> <p><b>[Your Name/Signature]</b> Physics Department / Class Coordinator</p>
	<p><b>Tips for your Physics Notes:</b></p> <ul style="list-style-type: none"> <li>• <b>Use Headings:</b> Clearly mark each topic and sub-topic.</li> <li>• <b>Highlight Formulas:</b> Box your final equations so they are easy to find during revision.</li> <li>• <b>Diagrams:</b> Use a pencil and ruler for neat, labeled circuit diagrams or ray diagrams.</li> <li>• <b>Summaries:</b> Add a brief "Points to Remember" section at the end of each topic.</li> </ul>

	<p>it . Unit 1 and 2: Electrostatics &amp; Current Electricity</p> <p>Gauss's Law: State it and use it to find the electric field due to an infinitely long straight wire and a uniformly charged infinite plane sheet.</p> <p>Electric Dipole: Derive an expression for the electric field at a point on the Axial and Equatorial line of a dipole.</p> <p>Capacitance: Derive the formula for the capacitance of a Parallel Plate Capacitor with and without a dielectric slab between the plates</p> <p>Drift Velocity: Define it and derive the relation between current and drift velocity (<math>I = nAev_d</math>).</p> <p>Kirchhoff's Laws: State the law and apply them to obtain the balancing condition of a Wheatstone Bridge.</p> <p>PHYSICS</p>
<b>CHEMISTRY</b>	<p><b>Units for Holiday Homework</b></p> <ul style="list-style-type: none"> <li>• Unit 1 – Solutions</li> <li>• Unit 2 – Electrochemistry</li> <li>• Unit 3 – Chemical Kinetics</li> </ul> <p><b>Instructions</b></p> <ol style="list-style-type: none"> <li>1. Do 50 numericals from each unit.</li> <li>2. Complete all NCERT Intext Questions and Exercise Question Answers.</li> <li>3. Solve all questions asked from these units in the last five years CBSE Board Examinations.</li> <li>4. Write all answers neatly with proper steps and units.</li> <li>5. Maintain a separate chemistry notebook/file for holiday homework.</li> <li>6. Submit the homework after summer vacation.</li> </ol>
<b>BIOLOGY</b>	<p><b>1. Project Work</b></p> <p>Prepare a project file of 35–40 pages on the topic already discussed in class. The project should include the following sections: - Cover Page, Index, Acknowledgement, Certificate, Introduction, Detailed Information about the Project, - Annexure, - Bibliography</p> <p><b>2. Practical File</b></p> <p>Complete the practical file shared in your class group. - Draw neat and clean diagrams on white pages. - Maintain proper labeling and presentation.</p> <p><b>3. PYQ Practice</b></p> <p>There are 50 questions in the PDF shared in your class group. Solve all the questions neatly in your PYQ notebook.</p> <p><b>Note:</b></p> <ul style="list-style-type: none"> <li>- Submit all work on time after the holidays.</li> <li>- Maintain neatness and proper handwriting in all notebooks and files.</li> </ul>
<b>CS</b>	