



# **GIRLS' HIGH SCHOOL & COLLEGE, PRAYAGRAJ**

## **CLASS - NINE SYLLABUS BREAK-UP**

### **APRIL 2021 TO MARCH 2022**

<b>Subjects</b>	<b>Half Yearly</b>	<b>Finals</b>
<b>English Language</b>	1. Essay 2. Letter 3. Notice & Email 4. Comprehension 5. Grammar a) Verb Forms b) Preposition c) Synthesis of Sentence d) Transformation of Sentences	1. Essay 2. Letter 3. Notice & Email 4. Comprehension 5. Grammar a) Verb Forms b) Preposition c) Transformation of Sentences d) Proverbs (Recap of Half Yearly Syllabus)
<b>English Literature</b>	1. The Merchant of Venice-Act I Sc-1,2,3 Act II Sc-1,2,3,4 & 5 2. Poetry - (Treasure Trove) 1. The Heart of the Tree 2. The Cold Within 3. The Bangle Sellers 4. After Blenheim 3. Prose (Treasure Trove) 1. Chief Seattle's Speech 2. Old Man at the Bridge 3. A Horse and Two Goats	1. The Merchant of Venice - ACT II, Sc 6,7,8 & 9 ACT III, Sc 1 2. Poetry - (Treasure Trove) 1. Television 2. Daffodils 3. Prose (Treasure Trove) 1. Hearts and Hands 2. A Face in the Dark 3. An Angel in Disguise  NOTE: Recap of Half Yearly
<b>History &amp; Civics</b>	<p style="text-align: center;"><b>Civics</b></p> 1. Ch.1- Our Constitution and its Salient Features 2. Ch.3- Elections and Election Commission <p style="text-align: center;"><b>History</b></p> 1. Ch.1- The Harappan Civilization 2. Ch.2- Early Vedic Civilization 3. Ch.3- The Later Vedic Age 4. Ch.4- India in the 6 <sup>th</sup> Century B.C. 5. Ch.5- The Mauryan Empire 6. Ch.6- The Sangam Age 7. Ch.7- The Age of the Guptas 8. Ch.8- South India and the Cholas <b>Project work topic: Art &amp; Architectural features of the following: the Sanchi Stupa, The Brihadeswara Temple, The Taj Mahal &amp; St. Peter's Church in Rome.</b>	<p style="text-align: center;"><b>Civics</b></p> 1. Ch. 4- Local Self Government: Rural Local Institutions 2. Ch. 5- Local Self Government: Urban Local Institutions <p style="text-align: center;"><b>History</b></p> 1. Ch. 9- The Delhi Sultanate 2. Ch.10- The Mughal Empire 3. Ch.11- The Composite Culture 4. Ch.12- The Renaissance 5. Ch.13- The Reformation 6. Ch.14- Industrial Revolution and Capitalism and Socialism  NOTE: Full Syllabus in Finals
<b>Geography</b>	Ls 1- Earth as a Planet Ls 2- Latitudes & Longitudes Ls 3- Rotation and Revolution Ls 4- Earth's Structure Ls 5- Landforms of the Earth Ls 6- Rocks & Rock cycle Ls 7- Volcanoes Ls 8- Earthquakes Ls 9- Weathering and Denudation Ls 10- Tides and Ocean currents <b>WORLD MAP:</b> The oceans, seas, gulfs and straits, Plateaus and rivers and mountains <b>PROJECT- Topic - Volcanoes</b> Meaning, Types-active, dormant and extinct, Effects - constructive and destructive, important volcanic zones of the world. NOTE- It should be not more than 15 pages. Use pictures and maps wherever required.	Ls 11- Composition & structure of the Atmosphere Ls 12- Insolation Ls 13- Atmospheric Pressure and winds Ls 14- Humidity Ls 15- Pollution-Types and sources Ls 16- Effects of Pollution Ls 17- Pollution-Preventive Measures Ls 18- Natural Regions of the world  <b>WORLD MAP: Natural Regions of the world.</b> <b>PROJECT TOPIC: Natural Regions-Equatorial and Tropical Monsoon</b> <b>NOTE: It should be not more than 15 pages use pictures and maps wherever required.</b>  <b>RECAP OF HALF YEARLY SYLLABUS</b>

<p><b>Mathematics</b></p>	<ol style="list-style-type: none"> <li>1. Rational and Irrational Numbers</li> <li>2. Compound Interest (Including with using formula and without using formula)</li> <li>3. Expansions</li> <li>4. Factorization</li> <li>5. Indices</li> <li>6. Logarithms</li> <li>7. Triangles (Including congruency, isosceles triangle &amp; inequalities)</li> <li>8. Circles (Geometry)</li> <li>9. Pythagoras theorem</li> <li>10. Mensuration (Triangles, quadrilaterals, circles)</li> <li>11. Trigonometry (Ratios, ratios of standard angles, solution of 2-D problems, complementary angles)</li> <li>12. Mid-point theorem</li> <li>13. Statistics</li> </ol>	<ol style="list-style-type: none"> <li>1. Coordinate Geometry</li> <li>2. Simultaneous linear equations (Including word problems)</li> <li>3. Rectilinear figures (Including constructions)</li> <li>4. Theorem on area</li> <li>5. Mensuration ( Surface area &amp; volume of 3-D Solids)</li> </ol> <p><b>NOTE: HALF YEARLY SYLLABUS INCLUDED</b></p>
<p><b>Physics</b></p>	<ol style="list-style-type: none"> <li>1. Measurements &amp; Experimentation</li> <li>2. Motion in One Dimension</li> <li>3. Laws of Motion</li> <li>4. Propagation of Sound waves</li> <li>5. Reflection of Light</li> <li>6. Heat and Energy</li> <li>❖ Practicals related to above mentioned topics</li> </ol>	<ol style="list-style-type: none"> <li>7. Pressure in fluids and Atmospheric pressure</li> <li>8. Upthrust in fluids, Archimedes Principle and Flotation</li> <li>9. Current Electricity</li> <li>10. Magnetism</li> <li>❖ Practicals related to above topics</li> <li>❖ Half yearly syllabus included</li> </ol>
<p><b>Chemistry</b></p>	<p>Chp. -1 Language of Chemistry Chp. -2 Chemical changes and reactions Chp. -3 Water Chp. -4 Atomic Structure and Chemical Bonding</p>	<p>Chap-5- The Periodic Table Chap-6- Study of the first element-Hydrogen Chap-7- Study of Gas Laws Chap-8- Atmospheric Pollution Practical Chemistry Recap of Chp-1, 2, 3 and 4</p>
<p><b>Biology</b></p>	<p>Chapter 1. Cell- A unit of life Chapter 2. Tissues Chapter 3. Flower Chapter 4. Pollination and Fertilization Chapter 5. Structure and Germination of Seeds Chapter 6. Respiration in Plants Chapter 7. Diversity in living organisms Chapter 8. Economic Importance of Bacteria and Fungi</p>	<p>Chapter 9. Nutrition Chapter 10. Dentition Chapter 11. Digestive System Chapter 12. Skeleton-Movement and Locomotion Chapter 13. Skin-Structure and Function Chapter 14. Respiratory System Chapter 15. Health and Hygiene Chapter 16. Aids to Health Chapter 17. Waste generation and Management</p>
<p><b>Commercial Applications</b></p>	<ol style="list-style-type: none"> <li>1. Introduction to Commercial Organization</li> <li>2. Ownership structures-Sole Proprietorship and Joint Hindu Family Business</li> <li>3. Ownership structures-Partnership</li> <li>4. Ownership structure- Joint stock company</li> <li>5. Ownership Structures Cooperative Society</li> <li>6. Public Sector Enterprises</li> <li>13. Natural Resources</li> <li>14. Depletion of Resources</li> </ol>	<ol style="list-style-type: none"> <li>7. Functioning of a Commercial Organisation</li> <li>8. Communication in a Commercial Organisation</li> <li>9. Ways of Communicating</li> <li>10. Tools of Communication</li> <li>11. Nature and Terminology of Accounting</li> <li>12. Accounting Records</li> <li>15. Practices for Conservation of Resources</li> <li>16. Industrial Pollution and degradation of Environment</li> </ol> <p>Project Work NOTE: Recap of full syllabus of Half Yearly</p>
<p><b>Computer Application</b></p>	<p>Ch 1. Introduction to object oriented programming concepts Ch 2. Introduction to Java Ch 3. Elementary concepts of objects and classes Ch 4. Values and data types Ch 5. Operators in Java Ch 6. Working with methods Ch 7. Input in Java</p>	<p>Ch 8. Mathematical library Methods Ch 9. Conditional Constructs in Java Ch 10. Iterative constructs in Java Ch 11. Nested for loops Ch 12. Computer and ethics Project work - 20 programs(based on above topics)</p> <p>(Recap of full syllabus of half-yearly)</p>

<p><b>Art</b></p>	<p><u>Half Yearly</u>  <u>Paper III-Original Imaginative Composition</u>  in colour  1) Village Scene  2) Rainy Day  3) Zoo Scene  4) Marriage Scene  5) Any festival  6) Picnic Scene  <u>Paper IV</u>  1) Birthday Card  2) Thank you Card  3) Anniversary Card  4) Teachers Day Card  5) Story Book Cover  6) Valentines' Day Card  7) Stop Dowry(Poster)  8) Clean India, Green India (Poster)</p>	<p><u>Final Term</u>  <u>Paper III-</u>  1) Market Scene  2) Poem Illustration  3) Winter Scene  4) Birthday Party Scene  5) Sports Scene  <u>Paper IV:</u>  1) Father/Mother Day Card  2) Save the Environment (Poster)  3) Brother/Sisters Day Card  4) Invitation Card  5) Christmas Card  6) Get Well Soon Card  7) Wrapping Papers (Printing)  8) Save Wild Life (Poster)</p>
<p><b>Hindi</b></p>	<p><u>साहित्य सागर – गद्य</u>  1. बात अठन्नी की-सुदर्शन  2. काकी –सियारामशरण गुप्त  3. महायज्ञ का पुरस्कार-यशपाल  <u>साहित्य सागर पद्य</u>  1. साखी (कबीर दास)  2. गिरिधर की कुण्डलियाँ (गिरिधर कवि राय)  3. स्वर्ग बना सकते हैं- रामधारी सिंह दिनकर  <u>व्याकरण – I.C.S.E. पाठ्य क्रमानुसार</u>  1. पत्र लेखन  2. निबन्ध-लेखन  3. अपठित गद्यांश  4. शब्द भण्डार-विलोम शब्द  पर्यायवाची, भाववाचक, संज्ञा, विशेषण, मुहावरे, वाक्य परिवर्तन, वर्तनीशुद्ध, वाक्यांश, लिंग, वचन, कारक, काल आदि।</p>	<p><u>साहित्य सागर – गद्य</u>  1. नेता जी का चश्मा-स्वयं प्रकाश  2. अपना-अपना भाग्य-जैनेंद्र कुमार  3. बड़े घर की बेटी-प्रेमचन्द्र  <u>साहित्य सागर – पद्य</u>  1. वह जन्म भूमि मेरी-सोहन लाल द्विवेदी  2. मेघ आए-सर्वेश्वर दयाल सक्सेना  3. सूर के पद (सूरदास)  <u>व्याकरण-</u>  वार्षिक परीक्षा में 2021-22 में नवीं कक्षा में गद्य, पद्य तथा व्याकरण में I.C.S.E. पाठ्यक्रमानुसार पढ़ाए गए समस्त पाठ सम्मिलित हैं।    (Recap of Half Yearly)</p>