

## GIRLS' HIGH SCHOOL & COLLEGE: PRAYAGRAJ

## CLASS - NINE SYLLABUS BREAK-UP

## APRIL 2020 TO MARCH 2021

Subjects	First Term	Second Term
English Language	1. Essay 2. Letter 3. Notice & Email 4. Comprehension 5. Grammar a) Verb Forms (Tenses) b) Preposition c) Synthesis d) Transformation of Sentences	<ol> <li>Essay</li> <li>Letter</li> <li>Notice &amp; Email</li> <li>Comprehension</li> <li>Grammar         <ul> <li>Verb Forms (Tenses)</li> <li>Preposition</li> <li>Synthesis</li> <li>Transformation of Sentences</li> <li>Proverbs</li></ul></li></ol>
English Literature	The Merchant of Venice-Act I Sc-1,2,3 Act II Sc-1,2,3,4,5 Poetry - The Heart of the Tree The Cold Within The Bangle Sellers After Blenheim Story - Chief Seattle's Speech Old Man at the Bridge A Horse and Two Goats	The Merchant of Venice - ACT II, Sc 6,7,8,9 ACT III, Sc 1 Poetry - Television Daffodils Story - Hearts and Hands A Face in the Dark An Angel in Disguise NOTE: Recap of 1st Term
History & Civics	Civics  1. Our Constitution and its Salient Features  2. Elections and Election Commission  History  1. The Harappan Civilization  2. Early Vedic Civilization  3. The Later Vedic Age  4. India in the 6 <sup>th</sup> Century B.C.  5. The Mauryan Empire  6. The Sangam Age  7. TheAge of the Guptas  8. South India and the Cholas  NOTE: TOPIC FOR PROJECT WORK  The Mughal Architecture	Civics  1. Local Self Government: Rural Local Institutions 2. Local Self Government: Urban Local Institutions
Geography	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 WORLD MAP: The oceans, seas, gulfs and straits, Plateaus and rivers PROJECT-Pollution-Types and Sources	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  WORLD MAP: Natural Regions of the world and Mountains PROJECT: Pollution-Its effects and preventive measures NOTE: Recap of Half Yearly Syllabus

Mathematics	<ol> <li>Rational and Irrational Numbers</li> <li>Compound Interest (Including with using formula and without using formula)</li> <li>Expansion</li> <li>Factorization</li> <li>Indices</li> <li>Logarithms</li> <li>Triangles (Including congruency, isosceles triangle &amp; inequalities)</li> <li>Circles (Geometry)</li> <li>Pythagoras theorem</li> <li>Mensuration (Triangles, quadrilaterals, circles)</li> <li>Trigonometry (Ratios, ratios of standard angles, solution of 2-D problems, complementary angles)</li> <li>Mid-point theorem</li> <li>Statistics</li> </ol>	<ol> <li>Coordinate Geometry</li> <li>Simultaneous linear equations (Including word problems)</li> <li>Rectilinear figures (Including constructions)</li> <li>Theorems on area</li> <li>Mensuration ( Surface area &amp; volume of 3-D Solids)</li> <li>NOTE: HALF YEARLY SYLLABUS INCLUDED</li> </ol>
Physics	<ol> <li>Measurements &amp; Experimentation</li> <li>Motion in One Dimension</li> <li>Laws of Motion</li> <li>Propagation of Sound waves</li> <li>Reflection of Light</li> <li>Heat and Energy</li> <li>Practicals related to above mentioned topics</li> </ol>	<ol> <li>Pressure in fluids and Atmospheric pressure</li> <li>Upthrust in fluids, Archimedes Principle and Flotation</li> <li>Current Electricity</li> <li>Magnetism</li> <li>Practicals related to above topics</li> <li>Half yearly syllabus included</li> </ol>
Chemistry	Chp1 Language of Chemistry Chp2 Chemical changes and reactions Chp3 Water Chp4 Atomic Structure and Chemical Bonding	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
Biology	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 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
Commercial Applications	1.Introduction to Commercial Organization 2. Ownership structures-Sole Proprietorship and Joint Hindu Family Business 3. Ownership structures-Partnership 4. Ownership structure- Joint stock company 5. Ownership Structures Cooperative Society 6. Public Sector Enterprises 11. Natural Resources 12. Depletion of Resources	7. Functioning of a Commercial Organisation 8. Communication in a Commercial Organisation 9. Ways of Communicating 10. Tools of Communication 11. Nature and Terminology of Accounting 12. Accounting Records 15. Practices for conservation of Resources 16. Industrial Pollution and degradation of Environment Project Work NOTE: Recap of full syllabus of Half Yearly
Computer Application	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 (Project work - 10 programs)	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 - 10 programs) NOTE: Half yearly syllabus is included in prelims

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Art	Half Yearly Paper III 1) Village Scene 2) Rainy Day 3) Zoo Scene 4) Marriage Scene 5) Any festival 6) Picnic Scene Paper IV 1) Birthday Card 2) Thank you Card 3) Anniversary Card 4) Teachers Day Card 5) Book Cover (Story Book) 6) Valentine Day Card 7) Father/Mother Day Card 8) Stop Dowry(Poster)	Prelims Paper III:  1) Poem Illustration 2) Market Scene 3) Clean India, Green India (Poster) 4) Winter Scene 5) Birthday Party Scene 6) Any sports Paper IV:  1) Save the Environment (Poster) 2) Brothers/Sister Day Card 3) Invitation Card 4) Christmas Day Card 5) Get Well Soon Card 6) Wrapping paper 7) Save Wild life (Poster)
Hindi	1. बात अठन्नी की 2. काकी 3. महायज्ञ का पुरस्कार साहित्य सागर पद्य 1. साखी (कबीर दास) 2. गिरिधर की कुण्डलियाँ (गिरिधर कि) 3. स्वर्ग बना सकते हैं। व्याकरण – I.C.S.E. पाठ्य क्रमानुसार 1. पत्र लेखन 2. निबन्ध-लेखन 3. अपठित गद्यांष विलोमशब्द, पर्यायवाची, भाववाचक, संज्ञा, विशेषण, मुहावरे, वाक्य परिवर्तन, वर्तनीशुद्ध, वाक्यांश, लिंग, वचन, कारक, काल आदि। हिन्दी अधिन्यास 1. साहित्य-महाकि सूरदास 2. व्याकरण-मौलिक कहानी-"करत-करत अभ्यास के जड़मत होत सुजान"	1. नेता जी का चष्मा 2. अपना–अपना भाग्य 3. बड़े घर की बेटी साहित्य सागर – पद्य 1. वह जन्म भूमि मेरी। 2. मेघ आये। 3. सूर के पद (सूरदास) व्याकरण – प्री–बोर्ड परीक्षा में 2020–21 में नवीं कक्षा में गद्य पठ्य तथा व्याकरण में I.C.S.E. पाठ्यक्रमानुसार पढ़ाए गए समस्त पाठ सम्मिलित हैं।  (Recap of Half Yearly)