



<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. Expansion</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. Theorems 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> </ol> <p>❖ Practicals related to above mentioned topics</p>	<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> </ol> <p>❖ Practicals related to above topics ❖ Half yearly syllabus included</p>
<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 Chapter 9. Nutrition</p>	<p>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>11. Natural Resources</li> <li>12. 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 (Project work - 10 programs)</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 - 10 programs) NOTE: Half yearly syllabus is included in prelims</p>

<p><b>Art</b></p>	<p><u>Half Yearly</u> <u>Paper III</u></p> <ol style="list-style-type: none"> <li>1) Village Scene</li> <li>2) Rainy Day</li> <li>3) Zoo Scene</li> <li>4) Marriage Scene</li> <li>5) Any festival</li> <li>6) Picnic Scene</li> </ol> <p><u>Paper IV</u></p> <ol style="list-style-type: none"> <li>1) Birthday Card</li> <li>2) Thank you Card</li> <li>3) Anniversary Card</li> <li>4) Teachers Day Card</li> <li>5) Book Cover (Story Book)</li> <li>6) Valentine Day Card</li> <li>7) Father/Mother Day Card</li> <li>8) Stop Dowry(Poster)</li> </ol>	<p><u>Prelims</u> <u>Paper III :</u></p> <ol style="list-style-type: none"> <li>1) Poem Illustration</li> <li>2) Market Scene</li> <li>3) Clean India, Green India (Poster)</li> <li>4) Winter Scene</li> <li>5) Birthday Party Scene</li> <li>6) Any sports</li> </ol> <p><u>Paper IV:</u></p> <ol style="list-style-type: none"> <li>1) Save the Environment (Poster)</li> <li>2) Brothers/Sister Day Card</li> <li>3) Invitation Card</li> <li>4) Christmas Day Card</li> <li>5) Get Well Soon Card</li> <li>6) Wrapping paper</li> <li>7) Save Wild life (Poster)</li> </ol>
<p><b>Hindi</b></p>	<p><u>साहित्य सागर – गद्य</u></p> <ol style="list-style-type: none"> <li>1. बात अठन्नी की</li> <li>2. काकी</li> <li>3. महायज्ञ का पुरस्कार</li> </ol> <p><u>साहित्य सागर पद्य</u></p> <ol style="list-style-type: none"> <li>1. साखी (कबीर दास)</li> <li>2. गिरिधर की कुण्डलियाँ (गिरिधर कवि)</li> <li>3. स्वर्ग बना सकते हैं।</li> </ol> <p><u>व्याकरण – I.C.S.E. पाठ्य क्रमानुसार</u></p> <ol style="list-style-type: none"> <li>1. पत्र लेखन</li> <li>2. निबन्ध-लेखन</li> <li>3. अपठित गद्यांश</li> </ol> <p>विलोमशब्द, पर्यायवाची, भाववाचक, संज्ञा, विशेषण, मुहावरे, वाक्य परिवर्तन, वर्तनीशुद्ध, वाक्यांश, लिंग, वचन, कारक, काल आदि।</p> <p>हिन्दी अधिन्यास 1. साहित्य-महाकवि सूरदास 2. व्याकरण-मौलिक कहानी-“करत-करत अभ्यास के जड़मत होत सुजान”</p>	<p><u>साहित्य सागर – गद्य</u></p> <ol style="list-style-type: none"> <li>1. नेता जी का चष्मा</li> <li>2. अपना-अपना भाग्य</li> <li>3. बड़े घर की बेटी</li> </ol> <p><u>साहित्य सागर – पद्य</u></p> <ol style="list-style-type: none"> <li>1. वह जन्म भूमि मेरी।</li> <li>2. मेघ आये।</li> <li>3. सूर के पद (सूरदास)</li> </ol> <p><u>व्याकरण-</u> प्री-बोर्ड परीक्षा में 2020-21 में नवीं कक्षा में गद्य पद्य तथा व्याकरण में I.C.S.E. पाठ्यक्रमानुसार पढ़ाए गए समस्त पाठ सम्मिलित हैं।</p> <p>(Recap of Half Yearly)</p>