

**Dr. Virendra Swarup Education Centre, N-Block, Kidwai Nagar, Kanpur**

**Yearly Syllabus (Session 2019-2020)**

**Class VIII**

| I TERM  | II TERM  |
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| <b>English Language</b>   | <b>English Language</b>  |
| <p><b>Section A: Reading</b> Comprehensions – Poem and Passage</p> <p><b>Section B: Writing</b> Message Writing, Letter Writing (formal and informal) Diary Entry, Notice Writing, Note Completion, Factual Description (People / Place) Article Writing, Bio – Sketch</p> <p><b>Section C: Grammar</b> 1. The Sentence 2. Tenses 3. Determiners 4. Prepositions 5. Reported Speech 6. Error / Omission Exercise.<br/>Dialogue Book Unit 1 to Unit 6<br/>MCB: New Buzzword Unit 1: Exploring Space, Unit 2: Mystery and Suspense, Unit 3: The Environment</p> | <p><b>Section A:</b> Comprehension (Poem &amp; Passage),<br/><b>Section B :</b> Writing: Letter Writing (Formal), E-mail (informal, formal) Speech Writing, Factual Description (Event/Object), Story Writing.<br/><b>Section C: Grammar</b> – Modals, Non-Finites, Conjunctions, Clauses, Active and Passive Voice, Error / Omission Exercise, Dialogue Completion.<br/>Dialogue Book – Unit 7 to 12<br/>MCB Buzzword – Unit 4: Scenes from Childhood<br/>Unit 5: Being Different Unit 6: Humour<br/>Unit 7: Against the Odds</p> |
| <b>English Literature</b>   | <b>English Literature</b>  |
| <p><b>Book : New Buzzword</b> – Supplementary Reader<br/>Ch.1. The Passive Voice Ch.2. Stopping by Woods on a Snowy Evening (Poem) Ch.3. A Slight Misunderstanding <b>MCB Unit 1:</b> Ch.1- George’s Secret Key to the Universe [Reader] Ch.4: The Song of the Whale (Poem) Ch.5- The Station From <b>MCB Unit 2</b> Poem: The Listeners<br/><b>Novel :</b> The Hound of the Baskervilles Ch.1 to Ch.7.</p>   | <p><b>Book: New Buzzword Supplementary Reader</b><br/>Ch.7: A Helping Hand from MCB Unit 4 (Poem) Our Casuarina Tree Ch.8: Thank You Ma’am Ch.9: Old Toys and New Magic Ch.10: It Couldn’t be Done (Poem) Ch.11: Trail of the Green Blazer Ch.12: The Death of Caesar Ch.13: The Guest House (Poem) From MCB: Unit 7 (Poem) Where the mind is without Fear<br/><b>Novel:</b> The Hound of the Baskervilles Ch.8 to Ch.12.</p>  |
| <b>Mathematics</b>  | <b>Mathematics</b>   |
| <p>Ch.1: Rational Numbers<br/>Ch 2: Exponents and Powers<br/>Ch.3: Square and Square Roots<br/>Ch. 4: Cubes and Cube Roots<br/>Ch. 6: Percentage and its Application<br/>Ch. 9: Algebraic Expressions and Identities<br/>Ch.10: Factorization<br/>Ch.11: Linear Equations in One Variable /Word Problems based on linear equations<br/>Ch.12: Understanding Quadrilaterals</p>  | <p>Ch.7: Compound Interest<br/>Ch.8: Direct and Inverse Variation (Two Variables and Three Variables)<br/>Ch.13: Practical Geometry<br/>Ch.15: Mensuration<br/>Ch.16: Data Handling<br/>Ch.17: Introduction to Graphs<br/>Ch.18: Probability</p>   |
| <b>Science</b>  | <b>Science</b>   |
| <p><b>Physics:</b> Ch.11: Force and Pressure Ch.12: Friction Ch.13: Sound Ch.14: Some Natural Phenomenon<br/><b>Chemistry :</b> Ch.3: Synthetic Fibres and Plastics, Ch.4: Metals and non-metals , Additional Chapter: Structure of Atom<br/><b>Biology:</b> Ch.1: Crop Production, Ch.2: Micro Organisms, Ch.7: Conservation of Plants &amp; Animals, Ch.19: Pollution of Water &amp; Air, Additional Topic: Classification of Animals.</p>  | <p><b>Physics:</b> Ch.15: Chemical Effects of Electric Current Ch.16: Reflection of Light Ch.17: Refraction and Dispersion of Light Ch.18: The Universe<br/><b>Chemistry:</b> Ch.5: Coal and Petroleum , Ch.6: Combustion and Flame, Additional Chapter: Carbon and its Compounds.<br/><b>Biology:</b> Ch.8: Cell – structure &amp; functions, Additional Topic: Tissues. Ch.9: Reproduction, Ch.10: Reaching the age of adolescence.</p>  |
| <b>Social Studies</b>   | <b>Social Studies</b>  |
| <p><b>History :</b> Ch.1: When, Where and How Ch.2: The Rise and Growth of the Company Power Ch.3: Agrarian Structure under the British Ch.6: The Revolt of 1857 Ch.7: Urban Change under Colonialism<br/><b>Civics:</b> Ch.1: Our Constitution Ch.2: Secularism Ch.3: Our Parliament – Union Legislature Ch.5: The Union Executive<br/><b>Geography:</b> Ls. 1: Resources Ls.2: Abiotic</p>  | <p><b>History :</b> Ch.8: Education under the British Rule Ch.9: Women and Reform Ch.10: Lower Caste Reform Movements Ch.12: The Rise of Nationalism in India (19<sup>th</sup> Cent. – 1922) Ch.13: The National Movement (1923-1947) Ch.14: India After Independence<br/><b>Civics :</b> Ch.6: The Judiciary Ch.7: The Police and the Ch. 10: The Government and Economic</p>   |

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| Resources – Land, Soil and Water Ls. 3: Natural Vegetation and Wild-Life Ls. 6: Agriculture  | Development Ch.11: Laws and Social Justices<br><b>Geography:</b> Ls. 4: Mineral Resources Ls. 5: Power Resources Ls. 7: Major Industries Ls. 8: Human Resources   |
| <b>General Knowledge</b>   | <b>General Knowledge</b>  |
| 1. Unit 1: In the Wind, Unit 2: Beyond Boundaries, Unit3: Science Wizard, Unit 4: Incredible India and Current Affairs   | 1. Unit 5: Inking Canvas, Unit 6: Talk of the Town, Unit 7: Game Point, Unit8: Mind Over Matter and Current Affairs.  |
| <b>Computer Science</b>  | <b>Computer Science</b>   |
| Functions and charts in Ms-Excel<br>Advanced features of Excel<br>Operating System Software<br>The concepts of computer networking<br>Cloud Computing<br>Introduction to Ms – Access [Table, Forms. Queries & Reports]<br>Number System<br>Boolean Algebra   | HTML<br>Moving Ahead with HTML<br>Flowcharts and Algorithms<br>Introduction to Python   |
| <b>Hindi</b>   | <b>Hindi</b>  |
| हिंदी साहित्य – मेधा भाग (आठ) से –<br>पाठ-समर्पण (कविता), मोरों वाला स्कूल (कहानी), प्रकृति से सीख (पर्यावरण लेख), बिरसा मुंडा (व्यक्तित्व), जामुन का पेड़ (व्यंग्य कथा), बालिका का परिचय (कविता), दो कलाकार (कहानी)<br>कहानियाँ – मुक्तिमार्ग, बाज और साँप, सनकी राजा<br>हिंदी भाषा – भाषा, बोली, लिपि और व्याकरण, वर्ण, शब्द विचार, संज्ञा, सर्वनाम, क्रिया, काल एवं विशेषण, संज्ञा के विकार- लिंग, वचन, कारक, प्रत्यय, -उपसर्ग, डायरी लेखन, संवाद लेखन, वाच्य, वाच्य परिवर्तन, मुहावरे, समास, लोकोक्तियाँ, शब्द भण्डार – पर्यायवाची, अनेकार्थी, विलोम, वाक्यांश, समरूपी भिन्नार्थक, तत्सम-तद्भव, पत्र लेखन, निबन्ध लेखन, अपठित गद्यांश, अपठित पद्यांश | हिंदी साहित्य – मेधा भाग (आठ) से –<br>पाठ दिव्यांगता पर जीत (साक्षात्कार), बाल-लीला(पद), पानी की खुशहाली (नाटक), सोना (संस्मरण), शक्ति और क्षमा (कविता), हिमालय की घाटियों में (यात्रा वृत्तांत)<br>कहानियाँ – नीरा, चूहा और मैं, भिखारिन<br>हिंदी भाषा – अव्यय के चारों भेद, समास, सार लेखन, प्रतिवेदन, अलंकार, विज्ञापन, मुहावरे, लोकोक्तियाँ, पद परिचय, शब्द भंडार – पर्यायवाची शब्द, अनेकार्थी, वाक्यांश, समरूपी भिन्नार्थक, तत्सम-तद्भव, एकार्थी प्रतीत होने वाले शब्द, पत्र लेखन, निबन्ध लेखन, अपठित पद्यांश, अपठित गद्यांश |
| <b>Sanskrit</b>  | <b>Sanskrit</b>   |
| साहित्य – प्रार्थना<br>प्रथमः पाठः – स्वास्थ्यैव धनम्<br>तृतीय पाठः – अपूर्वः त्यागः<br>सप्तमः पाठः – वासुदेवस्य दूतकर्म<br><br>व्याकरण – संधि (अयादि, पूर्वरूप, पररूप, प्रकृतिभाव)<br>समास<br>कारक तथा उपपद विभक्ति<br>प्रत्यय<br>अपठित गद्यांश<br>पत्र-लेखनं<br>पर्यायाः – विपर्ययाः<br>संख्या<br>समय<br>अनुवाद<br>अशुद्धिशोधनम्<br>चित्रवर्णनं<br>शब्द रूप – धेनु, जगत्, मति<br>धातु रूप – स्मृ, वद् (लट्, लृट्, लङ् लोट् तथा विधिलिङ् लकार)  | साहित्य –<br>अष्टमः पाठः – अमूल्यः समयः<br>दशमः पाठः – लोभः पापस्य कारणम्<br>एकादशः पाठः भारतीयाः नार्यः<br><br>व्याकरण – व्यंजन संधि<br>समास<br>कारक तथा उपपद विभक्ति<br>अपठित गद्यांश<br>अव्यय<br>पर्यायाः – विपर्ययाः<br>पत्र-लेखनं<br>अनुवाद<br>अशुद्धिशोधनम्<br>चित्रवर्णनं<br>शब्द रूप – मधु, तत् (पुल्लिङ्गं, स्त्रीलिङ्गं, नपुंसकलिङ्गम्)<br>धातु रूप – प्रच्छ, क्रुध् (लट्, लृट्, लङ् तथा लोट् लकार)   |