



RAGENDRA SWARUP PUBLIC SCHOOL, AGRA
SYLLABUS –HALF YEARLY EXAMINATION (2023-24)
CLASS – IX

SUBJECT	SYLLABUS
English Language	Total English book unit 1 to 8 Composition: Formal letter, Informal letter, Notice writing, email writing
English Literature	JULIUS CAESAR: Act 1 (Scene 1,2 &3) Treasure Chest: Poems 1. A Work Of Artifice, 2.Skimbleshanks, 3.I Remember, I Remember Treasure Chest : Prose Ch 1. Bonku Babu's Friend, Ch 2. Oliver Asks for More, Ch 3. The Model Millionaire
History	1-Harappan Civilization , 2-Early Vedic Civilization, 3-The Later Vedic Civilization, 4-India in the 6th Century BC: Rise of Jainism and Bhuddhism, 5-The Mauryan Empire. 6-The Sangam Age, 7.The Age of the Guptas, 8-South India and the Cholas. CIVICS 1-Our Constitution and its salient features. 2-Fundamental Rights, Fundamental Duties And Directive Principles of State Policy
Geography	Ch1. Earth as a planet, Ch2. Latitude and Longitude, Ch3. Rotation and Revolution, Ch4. Earth Structure, Ch5. Rock and Rock cycle, Ch6. Volcanoes, Ch7. Earthquakes Ch8. Weathering and Denudation, Ch9. Tide and Ocean Current, Map of world
Physics	1. Measurement and experimentation, 2. Motion in One Dimension, 3. Laws of motion, 4. Fluid pressure, 5. Upthrust and Archimedes Principle, 6. Heat and Energy.
Robotics	1. Introduction to robotics. 2. Robot as a system, 3. Concepts in robotics.
Chemistry	1. Language of chemistry, 2. Physical and chemical changes, 3. Water 4. Atomic structure and chemical bonding
Biology	Ch.1 Cell, Ch.2 Tissues, Ch.3 The flower, Ch.4 Pollination and fertilization, Ch.5 Germination of seeds, Ch.6 Respiration in plants, Ch.7 Diversity in the living world, Ch.8 Bacteria and fungi, Ch.9 Nutrition, Ch.10 Tooth
Maths	1.Expansions, 2.Factorization, 3.Mid-Point Theorem, 4.Indices, 5.Rational and Irrational Numbers, 6.Simultaneous Linear equations, 7.Trigonometric Ratio, 8.Trigonometric Ratio of Standard Angles, 9.Co-ordinate geometry, 10.Logarithms, 11.Triangles, 12.Problems on Simultaneous Linear equations
Hindi	HINDI LANGUAGE 1.निबंध लेखन, 2.चित्र अध्ययन, 3.कहानी लेखन(सूक्ति,उक्ति), 4.पत्र लेखन , 5.अपठित गद्यांश, 6.व्यवहारिक व्याकरण-लिंग, वचन, कारक, संज्ञा, विशेषण, तत्सम, तद्भव, वाच्य, पर्याय, विलोम, वाक्यांशों के लिए एक शब्द , 7.मुहावरे एवं लोकोक्तियाँ, 8.अशुद्धि शोधन(शब्द और वाक्य), 9.निर्देशानुसार वाक्य परिवर्तन HINDI LITERATURE साहित्य सागर (पद्य भाग) 1.साखी, 2.गिरिधर की कुंडलियाँ, 3.स्वर्ग बना सकते हैं, साहित्य सागर (गद्य भाग) 1.बात अठन्नी की, 2.काकी, 3. महायज्ञ का पुरस्कार, 4.नेताजी का चश्मा
Computer	1. Introduction To Object Oriented Programming Concepts, 2. Elementary Concept Of Objects And Classes, 3. Values And Data Types, 4. Operators In Java (Bitwise And Shift Operators Are Not Included), 6. Mathematical Library Methods, 7. Conditional Constructs In Java, 8. Iterative Constructs In Java
Physical Education	1. The Human Anatomy and Physiology, 2. Muscular System, 3. Cricket, 4. Football.
Economics	Chapter 1 introduction to economics, Chapter 2- basic economic entities in an economy, Chapter 3 basic concepts of Economics, Chapter 4 types of economies, Chapter 5 basic problems of an economy, Chapter 6 main sectors of an Indian economy
Commerce	Chapter 1 commercial and non commercial activities, Chapter 2 business activities, Chapter 3 profit and non profit organizations, Chapter 4 classification of commercial organizations, Chapter 5 sole proprietorship and Hindu undivided family business, Chapter 6 partnership, Chapter 7 joint stock company, Chapter 8 cooperative society, Chapter 9 public sector enterprises, chapter 19 meaning objectives and terminology of accounting, Chapter 20 basic accounting principles and concepts, Chapter 21 accounting books and statements(journal and trial balance)