

VANYAKSHETRA SCHOLASTIC BENCHMARK (VSB)

Official Curriculum Framework & Examination Syllabus (Classes VI to IX)

Class 6 Syllabus:

VSB Cycle 1 (October – November / Half-Yearly Curriculum)

- **Science:**
 - Chapter 1: The Wonderful World of Science
 - Chapter 2: Diversity in the Living World
 - Chapter 3: Mindful Eating: A Habit for Healthy Body
 - Chapter 4: Exploring Magnets
 - Chapter 5: Measurement of Length and Motion
- **Mathematics:**
 - Chapter 1: Knowing Our Numbers
 - Chapter 2: Whole Numbers
 - Chapter 3: Playing with Numbers
 - Chapter 4: Basic Geometrical Ideas
 - Chapter 5: Understanding Elementary Shapes
- **Social Science (History, Geography, Civics):**
 - Chapter 1: Locating Places on the Earth (Geography)
 - Chapter 2: Oceans and Continents (Geography)
 - Chapter 3: Landforms and Life (Geography)
 - Chapter 4: Timeline and Sources of History (History)
 - Chapter 5: India, That Is Bharat (History/Civics)
- **English & Grammar:** Reading Comprehension passages, Nouns, Pronouns, Articles, Basic Sentence Structure, and Vocabulary.
- **Logical Reasoning & Analytical Puzzles:** Development of critical thinking, pattern recognition, and problem-solving skills through age-appropriate spatial reasoning, coding-decoding, and lateral thinking puzzles integrated across all assessment cycles.

VSB Cycle 2 (March – April / Annual Curriculum)

- **Science:**
 - Chapter 6: Materials Around Us
 - Chapter 7: Temperature and its Measurement
 - Chapter 8: Water: A Wonderful Liquid
 - Chapter 9: Methods of Separation in Everyday Life
 - Chapter 10: Living Creatures: Exploring Their Characteristics
 - Chapter 11: Nature's Treasures
 - Chapter 12: Beyond Earth
- **Mathematics:**
 - Chapter 6: Integers
 - Chapter 7: Fractions
 - Chapter 8: Decimals
 - Chapter 9: Data Handling
 - Chapter 10: Mensuration
 - Chapter 11: Algebra
 - Chapter 12: Ratio and Proportion
- **Social Science:**
 - Chapter 6: The Beginnings of Indian Civilization (History)
 - Chapter 7: India's Cultural Roots (History)
 - Chapter 8: Unity in Diversity, or "Many in the Same" (Civics)
 - Chapter 9: Grassroots Democracy – Part 1: Governance (Civics)
 - Chapter 10: Grassroots Democracy – Part 2: Working of Local Government (Civics)

- *Chapter 11: The Value of Work (Economics)*
- *Chapter 12: Economic Life Around Us (Economics)*
- **English & Grammar:** Verbs, Tenses, Adverbs, Prepositions, Synonyms/Antonyms, and Paragraph Writing.
- **Logical Reasoning & Analytical Puzzles:** Development of critical thinking, pattern recognition, and problem-solving skills through age-appropriate spatial reasoning, coding-decoding, and lateral thinking puzzles integrated across all assessment cycles.

Class 7 Syllabus:

VSBCycle 1 (October – November / Half-Yearly Curriculum)

- **Science:**
 - *Chapter 1: Nutrition in Plants*
 - *Chapter 2: Nutrition in Animals*
 - *Chapter 3: Heat*
 - *Chapter 4: Acids, Bases, and Salts*
 - *Chapter 5: Physical and Chemical Changes*
- **Mathematics:**
 - *Chapter 1: Integers*
 - *Chapter 2: Fractions and Decimals*
 - *Chapter 3: Data Handling*
 - *Chapter 4: Simple Equations*
 - *Chapter 5: Lines and Angles*
- **Social Science:**
 - *Chapter 1: Tracing Changes Through a Thousand Years (History)*
 - *Chapter 2: New Kings and Kingdoms (History)*
 - *Chapter 3: Delhi: 12th to 15th Century (History)*
 - *Chapter 4: Environment (Geography)*
 - *Chapter 5: Inside Our Earth (Geography)*
 - *Chapter 6: Our Changing Earth (Geography)*
 - *Chapter 7: On Equality (Civics)*
 - *Chapter 8: Role of the Government in Health (Civics)*
- **English & Grammar:** Comprehension analysis, Parts of Speech review, Subject-Verb Agreement, Active/Passive Voice basics, and Modals.
- **Logical Reasoning & Analytical Puzzles:** Development of critical thinking, pattern recognition, and problem-solving skills through age-appropriate spatial reasoning, coding-decoding, and lateral thinking puzzles integrated across all assessment cycles.

VSBCycle 2 (March – April / Annual Curriculum)

- **Science:**
 - *Chapter 6: Respiration in Organisms*
 - *Chapter 7: Transportation in Animals and Plants*
 - *Chapter 8: Reproduction in Plants*
 - *Chapter 9: Motion and Time*
 - *Chapter 10: Electric Current and its Effects*
 - *Chapter 11: Light*
 - *Chapter 12: Forests: Our Lifeline*
 - *Chapter 13: Wastewater Story*
- **Mathematics:**
 - *Chapter 6: The Triangle and its Properties*
 - *Chapter 7: Comparing Quantities*
 - *Chapter 8: Rational Numbers*
 - *Chapter 9: Perimeter and Area*
 - *Chapter 10: Algebraic Expressions*

- *Chapter 11: Exponents and Powers*
- *Chapter 12: Symmetry*
- *Chapter 13: Visualising Solid Shapes*
- **Social Science:**
 - *Chapter 5: Air (Geography)*
 - *Chapter 6: Water (Geography)*
 - *Chapter 7: Human Environment Interactions (Geography)*
 - *Chapter 8: Life in the Deserts (Geography)*
 - *Chapter 5: The Mughals (16th to 17th Century) (History)*
 - *Chapter 6: Tribes, Nomads and Settled Communities (History)*
 - *Chapter 7: Devotional Paths to the Divine (History)*
 - *Chapter 8: The Making of Regional Cultures (History)*
 - *Chapter 9: Eighteenth-Century Political Formations (History)*
 - *Chapter 9: How the State Government Works (Civics)*
 - *Chapter 10: Growing up as Boys and Girls (Civics)*
 - *Chapter 11: Women Change the World (Civics)*
 - *Chapter 12: Understanding Media (Civics)*
 - *Chapter 13: Markets Around Us (Economics)*
 - *Chapter 14: A Shirt in the Market (Economics)*
- **English & Grammar:** Direct/Indirect Speech, Clauses, Notice Writing, Letter Writing, and Advanced Vocabulary.
- **Logical Reasoning & Analytical Puzzles:** Development of critical thinking, pattern recognition, and problem-solving skills through age-appropriate spatial reasoning, coding-decoding, and lateral thinking puzzles integrated across all assessment cycles.

Class 8 Syllabus:

VSBCycle 1 (October – November / Half-Yearly Curriculum)

- **Science:**
 - *Chapter 1: Crop Production and Management*
 - *Chapter 2: Microorganisms: Friend and Foe*
 - *Chapter 3: Synthetic Fibres and Plastics*
 - *Chapter 4: Materials: Metals and Non-Metals*
 - *Chapter 5: Coal and Petroleum*
 - *Chapter 6: Combustion and Flame*
- **Mathematics:**
 - *Chapter 1: Rational Numbers*
 - *Chapter 2: Linear Equations in One Variable*
 - *Chapter 3: Understanding Quadrilaterals*
 - *Chapter 4: Data Handling*
 - *Chapter 5: Squares and Square Roots*
 - *Chapter 6: Cubes and Cube Roots*
- **Social Science:**
 - *Chapter 1: How, When and Where (History)*
 - *Chapter 2: From Trade to Territory (History)*
 - *Chapter 3: Ruling the Countryside (History)*
 - *Chapter 4: Tribals, Dikus and the Vision of a Golden Age (History)*
 - *Chapter 5: When People Rebel (History)*
 - *Chapter 1: Resources (Geography)*
 - *Chapter 2: Land, Soil, Water, Natural Vegetation and Wildlife Resources (Geography)*
 - *Chapter 3: Mineral and Power Resources (Geography)*
 - *Chapter 1: The Indian Constitution (Civics)*
 - *Chapter 2: Understanding Secularism (Civics)*
 - *Chapter 3: Why Do We Need a Parliament? (Civics)*

- **English & Grammar:** Advanced Reading Skills, Editing/Omission, Error Correction, Gerunds & Participles.
- **Logical Reasoning & Analytical Puzzles:** Development of critical thinking, pattern recognition, and problem-solving skills through age-appropriate spatial reasoning, coding-decoding, and lateral thinking puzzles integrated across all assessment cycles.

VSBCycle 2 (March – April / Annual Curriculum)

- **Science:**
 - *Chapter 7:* Conservation of Plants and Animals
 - *Chapter 8:* Cell — Structure and Functions
 - *Chapter 9:* Reproduction in Animals
 - *Chapter 10:* Reaching the Age of Adolescence
 - *Chapter 11:* Force and Pressure
 - *Chapter 12:* Friction
 - *Chapter 13:* Sound
 - *Chapter 14:* Chemical Effects of Electric Current
 - *Chapter 15:* Some Natural Phenomena
 - *Chapter 16:* Light
- **Mathematics:**
 - *Chapter 7:* Comparing Quantities
 - *Chapter 8:* Algebraic Expressions and Identities
 - *Chapter 9:* Mensuration
 - *Chapter 10:* Exponents and Powers
 - *Chapter 11:* Direct and Inverse Proportions
 - *Chapter 12:* Factorisation
 - *Chapter 13:* Introduction to Graphs
- **Social Science:**
 - *Chapter 6:* Civilising the "Native", Educating the Nation (History)
 - *Chapter 7:* Women, Caste and Reform (History)
 - *Chapter 8:* The Making of the National Movement: 1870s–1947 (History)
 - *Chapter 4:* Agriculture (Geography)
 - *Chapter 5:* Industries (Geography)
 - *Chapter 6:* Human Resources (Geography)
 - *Chapter 4:* Understanding Laws (Civics)
 - *Chapter 5:* Judiciary (Civics)
 - *Chapter 6:* Understanding Our Criminal Justice System (Civics)
 - *Chapter 7:* Understanding Marginalisation (Civics)
 - *Chapter 8:* Confronting Marginalisation (Civics)
 - *Chapter 9:* Public Facilities (Civics)
 - *Chapter 10:* Law and Social Justice (Civics)
- **English & Grammar:** Connectors, Complex Sentence Structures, Story Writing, Analytical Paragraphs, and Report Writing.
- **Logical Reasoning & Analytical Puzzles:** Development of critical thinking, pattern recognition, and problem-solving skills through age-appropriate spatial reasoning, coding-decoding, and lateral thinking puzzles integrated across all assessment cycles.

Class 9 Syllabus:

VSBCycle 1 (October – November / Half-Yearly Curriculum)

- **Science:**
 - *Chapter 1:* Matter in Our Surroundings
 - *Chapter 2:* Is Matter Around Us Pure
 - *Chapter 3:* Atoms and Molecules
 - *Chapter 4:* Structure of the Atom

- *Chapter 5: The Fundamental Unit of Life (Cell)*
- *Chapter 6: Tissues*
- *Chapter 7: Motion*
- *Chapter 8: Force and Laws of Motion*
- *Chapter 9: Gravitation*
- **Mathematics:**
 - *Chapter 1: Number Systems*
 - *Chapter 2: Polynomials*
 - *Chapter 3: Coordinate Geometry*
 - *Chapter 4: Linear Equations in Two Variables*
 - *Chapter 5: Introduction to Euclid's Geometry*
 - *Chapter 6: Lines and Angles*
 - *Chapter 7: Triangles*
- **Social Science:**
 - *Chapter 1: The French Revolution (History)*
 - *Chapter 2: Socialism in Europe and the Russian Revolution (History)*
 - *Chapter 3: Nazism and the Rise of Hitler (History)*
 - *Chapter 1: India - Size and Location (Geography)*
 - *Chapter 2: Physical Features of India (Geography)*
 - *Chapter 3: Drainage (Geography)*
 - *Chapter 1: What is Democracy? Why Democracy? (Civics)*
 - *Chapter 2: Constitutional Design (Civics)*
 - *Chapter 3: Electoral Politics (Civics)*
 - *Chapter 1: The Story of Village Palampur (Economics)*
 - *Chapter 2: People as Resource (Economics)*
- **English & Grammar:** Integrated Grammar Tasks (Tenses, Modals, Subject-Verb Concord, Reported Speech), Descriptive Paragraph Writing.
- **Logical Reasoning & Analytical Puzzles:** Development of critical thinking, pattern recognition, and problem-solving skills through age-appropriate spatial reasoning, coding-decoding, and lateral thinking puzzles integrated across all assessment cycles.

VSBCycle 2 (March – April / Annual Curriculum)

- **Science:**
 - *Chapter 10: Work and Energy*
 - *Chapter 11: Sound*
 - *Chapter 12: Improvement in Food Resources*
- **Mathematics:**
 - *Chapter 8: Quadrilaterals*
 - *Chapter 9: Circles*
 - *Chapter 10: Heron's Formula*
 - *Chapter 11: Surface Areas and Volumes*
 - *Chapter 12: Statistics*
- **Social Science:**
 - *Chapter 4: Forest Society and Colonialism (History)*
 - *Chapter 5: Pastoralists in the Modern World (History)*
 - *Chapter 4: Climate (Geography)*
 - *Chapter 5: Natural Vegetation and Wildlife (Geography)*
 - *Chapter 6: Population (Geography)*
 - *Chapter 4: Working of Institutions (Civics)*
 - *Chapter 5: Democratic Rights (Civics)*
 - *Chapter 3: Poverty as a Challenge (Economics)*
 - *Chapter 4: Food Security in India (Economics)*

- **English & Grammar:** Story Completion based on prompt, Letter to Editor, Article Writing, and Advanced Reading Comprehension (Discursive & Case-Based Passages).
- **Logical Reasoning & Analytical Puzzles:** Development of critical thinking, pattern recognition, and problem-solving skills through age-appropriate spatial reasoning, coding-decoding, and lateral thinking puzzles integrated across all assessment cycles.

