

Entrance Syllabus for the Academic Year 2024-2025

Class VIII	
English	General English
Maths	1. Rational numbers 2. Comparing Quantities 3. Perimeter and area 4. Algebraic Expressions 5. Exponents and Powers
Science	Transportation in Animals Respiration in Organisms Motion and Time Light Electricity and its effects Reproduction in plants

Class IX	
English	
Maths	1. Rational numbers 2. Exponents and Powers 3. Square and Square roots 4. Algebraic Expressions 5. Factorization 6. Linear Equations in one variable 7. Understanding Quadrilaterals 8. Mensurations
Science	Light Chemical effects of electric current Some natural phenomenon Coal and petroleum Sound Microorganisms Friend and Foe Conservation of plants and animals Reproduction in animals Reaching the age of adolescence

CLASS X	
English	
Maths	1. Rational numbers 2. Exponents and Powers 3. Square and Square roots 4. 1. Number system 2. Polynomials 3. Linear equation in two variables 4. Lines and angles 5. Triangles 6. Circles 7. Heron's formula
Science	Matter in our surroundings Is matter around us pure Atoms and molecules Structure of atom Motion. Force and laws of motion Gravitation Work and energy Sound

	Fundamental Units of Life Tissues Improvement in food resources
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<u>Class XI</u>	
<u>Science Stream</u>	
English	
Maths	1.Quadratic equation 2-Arithmetic Progression 3-Coordinate geometry 4-Trigonometry 5-Surface Areas and Volumes 6-Statistics
Science	Chap 9: Light- Reflection and Refraction Chap 10: Human eye and colourful world Chap 11: Electricity Chap 12: Magnetic effects of electric current Chap 1: Chemical reactions and equations Chap 2: Acids , bases and salts Chap 3: Metals and Non metals Chap 4: Carbon and its compounds Chap 5 : Life Processes Chap 6 : Control and coordination Chap 7: How do organisms reproduce? Chap 8: Heredity and evolution Chap 15: Our environment

<u>Class XI</u>	
<u>Commerce Stream</u>	
English	General English
Maths	1.Linear equation in two variables 2-Real Numbers 3-Arithmetic Progression 4-Probability 5-Statistics