

Golden Heart Academy, Budhana Road, Khatauli

Syllabus For Entrance Test

Class 6

1. English & Hindi

Grammar - Whole course of 5th class & Paragraph composition.

2. Mathematics

Factors and multiples, fractions, money, decimals, percentage, geometry.

3. Environmental Studies

Our body system, deficiency diseases, solar system, simple machines

Class 7

1. English & Hindi

Grammar - Whole course of 6th class & paragraph composition.

2. Mathematics

Mensuration, Algebra, ratio and proportion, decimal

3. Science

Physical & Chemical Changes, Soil, Motion & Time, Electric Current & its effects, Light, Water, A Precious Resource

Class 8

1. English & Hindi

Grammar - Whole course of 7th class & paragraph composition

2. Mathematics

Simple equation, perimeter and area, exponents and powers, lines and angles, integer.

3. Science

Chapters from 7th class syllabus - Fiber to fabric; Heat; Acids, Bases and Salts; Physical and Chemical Changes; Winds, Storms and Cyclones; Soil; Respiration in Organisms; Motion and Time; Light; Electric Current and its Effects.

Class 9

1. English & Hindi

Parts of speech, tenses, kinds of sentence, transformation of sentences, active-passive, direct-indirect paragraph composition, letter writing.

2. Science

Chapters - Light, Sound, Some Natural Phenomena, Conservation of Plants & Animals

3. Mathematics

Chapters- Square and Square Roots, Cube and Cube Roots, Algebraic Expressions and Identities, Mensuration, Factors, Exponents, Rational numbers)

Class 11

1. English

Parts of speech, tenses, kinds of sentence, transformation of sentences, active-passive, direct-indirect paragraph composition, letter writing

2. Science

Periodic tables & its classification (Chapters - Chemical Reactions, Carbon & its compounds, Life Processes, Light & Electricity, Our Environment)

3. Mathematics

Chapters- Polynomials & Quadratic Equations, Arithmetic Progression, Similar Triangles, Surface Area & Volume