

PUBLIC SCHOOL GADAP, KARACHI
(Managed By Sindh Graduates Associations)

Syllabus for Entry Test for Admission to Class VI-IX
(SESSION 2026–27)

This is to notify all concerned parents, guardians, and candidates that the **Entry Test for admission to Class VI, VII, VIII, IX (Session 2026–27)** at **Public School Gadap, Karachi** shall be conducted based on the **Class V, VI, VII, VIII syllabus prescribed by the Sindh Textbook Board (STBB) respectively**. The purpose of issuing the detailed syllabus is to provide **clear academic guidance** to candidates appearing in the entry test and to ensure **transparency and uniformity** in preparation.

1. Subject-wise Syllabus

A. General Science (Class V – STBB)

- 1. Living Things:** Characteristics and classification of living things, plants, animals, and microorganisms, living and non-living things
- 2. Human Body:** Digestive, respiratory, and circulatory systems, sense organs and their functions, health, hygiene, and cleanliness
- 3. Plants:** Parts of plants and their functions, Types and importance of plants
- 4. Matter and Materials:** States of matter, Physical changes
- 5. Earth and Environment:** Earth, Sun, and Moon, Day and night, seasons, Natural resources

B. Mathematics (Class V – STBB)

- 1. Numbers and Operations:** Whole numbers and place value, addition, subtraction, multiplication, and division, word problems
- 2. Fractions:** Types and equivalent fractions, Addition and subtraction of fractions
- 3. Decimals:** Decimal place value, Conversion of fractions into decimals, Basic operations
- 4. Factors and Multiples:** Factors and multiples, Prime and composite numbers. LCM and HCF (basic level)
- 5. Geometry:** Lines and angles, Triangles and quadrilaterals,
Measurement: Units of measurement, Time (hours, minutes, seconds)

C. English (Class V – STBB)

The entry test will assess the following areas:

- 1. Reading Comprehension:** Unseen passage, Vocabulary-based questions
Main idea and details
- 2. Grammar:** Parts of speech (noun, pronoun, verb, adjective, adverb, prepositions, conjunctions), Tenses (simple present, past, and future), Articles, Types of sentences
- 3. Vocabulary:** Synonyms and antonyms, Singular and plural, Gender. Use of words in sentences
- 4. Writing Skills:** Paragraph writing

Syllabus for Entry Test (class vii)

1. English

A. Reading Comprehension: Unseen passages, Vocabulary usage in context

B. Grammar & Language Structures

- **Parts of Speech:** Nouns (all types), pronouns, verbs (main and auxiliary), adjectives, adverb, prepositions, conjunctions
- **Tenses:** Simple, Continuous, and Perfect forms (Present, Past, Future)
- Subject–Verb Agreement
- Articles and Determiners
- Modals (can, could, may, should, must)
- Sentence Structure: Simple, Compound,

C. Vocabulary Development: Synonyms and antonyms, prefixes and suffixes, homophones and homonyms

D. Writing Skills: Paragraph writing (guided and semi-guided), story writing (short, with given cues) and informal letter writing

2. General science

A. Life Sciences:

- **Cell:** Structure and functions
- Classification of living organisms
- **Plant life:** Photosynthesis, Reproduction in plants
- **Human body systems:** Digestive system, Respiratory system, Circulatory system
- Health and hygiene

B. Physical Sciences

- **Matter:** States of matter, Physical and chemical changes
- **Force and motion:** Types of forces, Effects of force
- **Energy:** Forms of energy, Sources and uses of energy
- **Heat:** Transfer of heat
- **Light:** Reflection and refraction (basic concepts)

C. Earth & Space Sciences: Structure of the Earth, Rocks and minerals, Soil and its types, Solar system, Earth's movements (rotation and revolution)

D. Environmental Science: Ecosystem and food chains, Natural resources, Pollution and its effects, Climate and weather (basic understanding)

3. Mathematics:

A. Number System: Natural numbers and whole numbers, integers, factors and multiples, prime and composite numbers, **HCF** and **LCM**, number patterns

B. Fractions & Decimals: Operations on fractions, mixed fractions, operations on decimals, word problems involving fractions and decimals

C. Algebra (Introduction): Algebraic expressions, simple equations, use of variables simplification of expressions

D. Geometry: Lines and angles, types of angles, triangles (types and properties), quadrilaterals, circles (basic terms), perimeter and area of simple figures

E. Measurement: Units of length, mass, and capacity, time and calendar problems, speed (basic concept), money-based problems

Syllabus for Entry Test (class viii)

1. English – Class VII (STBB)

- **Reading Comprehension:** Unseen passages with questions (MCQ's + short answer), Main idea, vocabulary in context
- **Vocabulary Building:** Word meanings, Synonyms/antonyms
- **Grammar:** All Parts of speech, **Tenses:** present, past, future, **Punctuation:** full stops, commas, question marks, **Sentence structure** (simple, compound)
- **Writing:** Paragraph writing (e.g., 150–200 words), Formal and informal letter writing, Story/narrative writing, Dialogue writing

2. Mathematics – Class VII (STBB)

- **Number & Operations:** Integers, rational numbers, Place value and number sense, Factors, multiples
- **Algebra:** Simple algebraic expressions, Basic equations and identities, Operations with variables
- **Geometry:** Lines, angles, shapes, Properties of polygons, Perimeter and area of simple shapes
- **Measurement & Data:** Units of measurement (length, area, volume), Conversions between units, Data representation (tables, charts)
- **Percentage & Ratio:** Percentage calculations, Ratio and proportion basics
- **Basic Problem Solving:** Word problems (application of arithmetic and algebra), Real-life scenarios

3. General Science – Class VII (STBB)

- **Human Organ Systems:** Digestive system, Respiratory system and disorders
- **Transport Systems:** Circulatory system in humans, Transport in plants
- **Reproduction in Plants:** Pollination, fertilization
- **Environment & Feeding Relationships:** Ecosystems, food chains, habitats
- **Water:** Uses, sources, purification
- **Structure of an Atom:** Atomic structure, Electrons, protons, and neutrons
- **Physical & Chemical Changes:** Identifying changes
- **Heat Transfer:** Conduction, convection, radiation
- **Light:** Refraction, Dispersion of light
- **Sound Waves:** Nature of sound, Loudness and pitch
- **Space & Stars:** Solar system, Stars and galaxies

Syllabus for Entry Test (class ix)

1. **English – Class VIII (Sindh Board)**

1. **Reading Comprehension:** Short passages & long texts, interpretive questions & critical thinking
2. **Grammar & Language Skills:** Parts of speech (nouns, pronouns, adjectives, verbs), Tenses (present, past, future, continuous forms), modals, conjunctions, prepositions, Sentence structure & punctuation
3. **Writing:** Paragraph writing, Letter writing (formal/informal), Story writing, Report writing
4. **Vocabulary Development:** Word meaning & usage, Synonyms and antonyms, Word formation
5. **Speaking & Listening Skills:** Dialogue practice, Presentations & discussions, Listening comprehension exercises

2. **General Science – Class VIII (Sindh Board)**

1. **Living Things & Their Environment:** Characteristics of living organisms, Ecosystems & food chains
2. **Human Biology:** Body systems (digestive, respiratory, circulatory), Health and hygiene
3. **Heredity & Variation:** Basics of genetics, Traits and heredity
4. **Matter & Its Properties:** States of matter, Physical vs chemical changes
5. **Energy & Its Forms:** Light and sound, Heat energy
6. **Earth Science:** Earth structure and landforms, Weather and climate basics
7. **Science & Technology:** Simple machines, Technology in daily life
8. **Practical Investigation & STEAM Activities:** Experiments linked to concepts
Observation and reporting

3. **Mathematics – Class VIII (Sindh Board)**

1. **Numbers & Operations:** Real numbers and their properties, HCF & LCM applications, Ratio, rates, and proportions, Percentages, profit & loss, discount
2. **Algebra:** Algebraic expressions and identities, Linear equations in one variable, Simultaneous linear equations, Polynomials & basic operations
3. **Geometry & Measurement:** Lines, angles, triangles, Construction of shapes, Area, perimeter and volume,
4. **Statistics & Data Handling:** Organizing data, Graphical representation (bar graphs, pie charts), Measures of central tendency (mean, median, mode)
5. **Problem Solving & Real Life Applications:** Word problems, Use of math in everyday contexts

NOTE:

Assessment Focus for Entry Test

- Multiple Choice Questions (MCQs)
- Concept-based and analytical questions
- Problem-solving skills
- Application of concepts
- Language accuracy and comprehension

2. Distribution of Marks (VI-IX)

Subject	Weightage
Mathematics	20%
Science	20%
English	20%
General Knowledge	05%
Sindhi/Urdu	15%
Interview	20%
Total	100

2. Marks Scheme (X-XI)

Subject	Weightage
Mathematics	15%
Bio/Comp	15%
English	20%
Physics	15%
Chemistry	15%
Interview	20%
Total	100

2. Marks Scheme (XII)

Subject	Weightage
Bio/Math	20%
English	20%
Physics	20%
Chemistry/Computer	20%
Interview	20%
Total	100

3. General Instructions:

1. The entry test will be strictly based on Sindh Textbook Board Class V curriculum.
2. Questions will include MCQs, short-answer questions, and basic problem-solving.
3. Candidates are advised to focus on conceptual understanding rather than rote memorization.
4. Diagrams, formulas, grammar rules, and word problems should be thoroughly revised.
5. No syllabus beyond Class V (STBB) shall be included in the test.

