THE BGES SCHOOL
12B, HEYSHAM ROAD
KOLKATA – 700020

CLASS 8 SYLLABUS **2026-2027**

English I

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

First Term Syllabus

1. The Sentence: Definition, Statements, Interrogative Sentences, Imperative Sentences, Exclamatory Sentences.
2. Subject and Predicate
3. The Phrase: Noun Phrases, Adjective Phrases, Adverb Phrases
4. Clauses – Noun Clauses, Adjective Clauses, Adverb Clauses
5. Sentence Patterns – Simple Sentence, Compound Sentence, Complex Sentence
6. Kinds of Nouns with Gender , Number
7. Adjectives- Kinds , Order of Adjectives, Adjectives used as Nouns
8. Adjectives of Comparison
9. Articles: Indefinite Articles, Definite Article, Omission of Articles, Repetition of Articles
10. Pronouns: Personal Pronouns, Relative Pronouns
11. Adverbs: kinds of Adverbs, Position of Adverbs, use of Adverbs
12. Active and Passive Voice
13. Tenses: Simple Present, Present Continuous, Simple Past, Past Continuous, Present Perfect, Present Perfect Continuous, Past Perfect, Past Perfect Continuous
14. Letter Writing- simple formal and informal letters.
15. Sound Words: Usage
16. Agreement of the Verb with the Subject
17. Determiners: few, a few, the few, little, a little, the little, each, every, much, many and so on.
18. Question Tags
19. Composition.- Descriptive, Narrative, Picture
20. Introduction to Precis writing
21. Comprehension: 1) Can you see what I see?
    2) Gold is not important, the process is.
    3) Loving trees
    4) Ha Elephant
    5) Perseus
    6) The Robin in My Rose Garden

Second Term Syllabus

22. Tenses: (Continued)
23. The Infinitive
24. The Participle
25. The Gerund
26. Prepositions
27. Words followed by prepositions
28. Conjunctions
29. The Interjection

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CLASS 8 SYLLABUS **2026-2027**

English I

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

30. Punctuation: Capital letters/ Full stops/ Question Marks.
31. Idioms
32. Direct and Indirect Speech
33. Interjections
34. Possessives
35. The same word used as a different part of speech
36. Modals– Shall, Will, Should, Would, may, Might, Can, Could, Need, Dare, Must, Ought to, Used to
37. Conditional Sentences
38. Combination of simple sentences into simple sentence
39. Combination of simple sentences into one Compound Sentence
40. Combination of Simple Sentences into one Complex Sentence
41. Letter Writing and Composition to continue. (Continued)
42. Composition: , Narrative, Picture (Continued)
43. Comprehension: 1) The Toc-Toc Birds
    2) Ice Stupas
    3) King Lear
    4) The 'Gender sensitized' Autorikshaw
    5) Learning to love
    6) Musings on a Baisakh Morning

Note : High School English Grammar & Composition to be referred for further material on grammar.
Super Comprehension with Composition:
Author: Rashmi Rekha Arya
Publication: Ratna Sagar

Teaching Points and Learning Objectives
Correct language skills

1. Comparatives and superlatives (special difficulties), more than, than, even, very and positive, much and comparative.
2. The more (of two), the most (of more than two), very much.
3. Confusion of adjectives and adverbs (e.g., hard. hardly, late, lately, etc.).
4. Use of fairly and rather.
5. Adverbial use of no, not, and none.
6. The prop-word one (consistency throughout a sentence).
7. Negative verbs: cannot, has not, does not, is not, must not, not to, in questions.
8. Anticipatory it with noun clauses and adjective clauses, (e.g., it is wrong to steal.)
9. Verbs compounded with adverbs: the position of the object ("take off your hat" or "take your hat off').
10. Reported speech, simple exercises, (emphasis on correctness in the sequence of tenses).

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11. Tenses: Correct use of tenses:
    a. With since (e.g., I have not seen him since last Sunday).
    b. In adverb clauses relating to the future (e.g., I shall call on you when I come to Delhi).
    c. In adjective clauses referring to the future (e.g. you are to bring me the papers which you will find on my desk.
    d. I shall get on the first bus that comes.)
    e. In conditional sentences (e.g., if it rains the match will be cancelled, etc.)

Oral communication
Speech Training

1.Reading of prepared passages from prose and poetry.
2.Dramatic representation of one-act plays.
3.Re-telling stories and episodes seen on T.V/films/books.
4.Description of persons from literature.
5.Narration of imaginary experiences/stories.
6.Exercises in oral comprehension of passages read by the teacher in class.
7.Exercises in reported speech.
8.Reading of original stories or poetry.
9.News reading.
10. Elocution.
11. Debates

Written communication

1. Re-telling of stories read in books.
2. Description of persons from literature.
3. Narration of imaginary experiences.
4. Narration of imaginary stories.
5. Description of processes with the emphasis on accuracy and conciseness.
6. Dialogues.
7. Dramatizing stories for class acting.
8. Writing of personal and official letters.
9. Reports on projects.
10. Fables and parables may be studied and imitated as a means of training pupils to write briefly and to the point. Further study on the structure of the paragraph and exercises in linking paragraph with paragraph.
11. Written exercises based on the study of passages of prose.

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CLASS 8 SYLLABUS **2026-2027**

English II

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

First Term Syllabus

1. Adrift at Sea *(April)*
2. The Thief *(May)*
3. *The Wild Swans at Coole (April)*
4. The Vulture and the Great Spirit *(June)*
5. *The Statue(May)*
6. Salim's Journey *(July)*
7. *Govinda's Disciple(June)*
8. My Lost Dollar *(July)*
9. *The Road Not Taken (Aug)*
10. Adolf*(Aug)*

Second Term Syllabus

11. Meetings with a Maharaja *(Sept)-change to Oct*
12. The Lottery Ticket *(Oct)*
13. *O Captain! My Captain! (Sept) -change to Oct*
14. The Little Ones *(Nov)*
15. The Rogue *(Nov) -change to Dec*
16. *Ozymandias(Oct) -change to Dec*
17. The Adventure of the Speckled Band *(Dec)*
18. *All the World's a Stage (Jan)*
19. The Wolves of Cernogratz *(Feb)*
20. *King Canute (Feb)*

Note : In Eng 2 Syllabus, words in Italics indicate poems

PRESCRIBED BOOK:

Prose and Poetry: A Magic Place
Authors: Suchismita Raha and Anil Wilson
Publication: Orient Black Swan

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English II

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

Teaching Points and Learning Objectives

Literature in English

(i) Class Reading:

Drama of a suitably simple nature. A book of short stories (including Indian Stories) or a volume such as "The Adventure of Travel" in Longmans' Heritage of Literature series.

Poetry : The use is recommended of an anthology which contains poems somewhat more advanced in theme than those suitable for earlier years. Such an anthology should be used selectively with some balance being preserved between narrative, descriptive and lyrical verse. Some Indian verse must be included in the course.

(ii) Extensive Reading:

It is recommended that pupils should read at least *six* books out of class, under the direction of the teacher, and discuss them informally in class. In addition, one period or more per week should be devoted to extensive reading

1. Beat the Exam Stress

2nd Term

2. Interacting with Others
3. Managing Anger and Self-control
4. Doing Things the Right Way
5. Gender Equality
6. Internet Is a Knowledge Hub
7. Impact of the Social Media

The above can be channelized into academics for senior students in the following ways-

- The writing skills can be channelised into literary works which involves imagination.
- Activities which involve public speaking and shouldering responsibilities, will embolden the student in the higher classes, to take up greater responsibilities like captainship, oral projects and literary events which require addressing a crowd.
- If Value education is taught to a small group, every child will get individual attention so students will be able to overcome their inhibitions and be interactive in academic sphere.

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CLASS 8 SYLLABUS **2026-2027**

2nd LANGUAGE-HINDI

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

1st Term Syllabus

Gunjan Hindi Pathmala- 8

1) Anhinandiya Bharat
2) Swami Aur Ganit ka Sawaal
3) Lakh Ki Churiyan
4) Videshi Bhasha ki Gulami
5) Raah Anek – Manzil Ek
6) Rathchakra
7) Swarg Bana Sakte hain
8) Aath Abhimanyu

Bhasha Adhigam Evam Vyakaran- 8

1) Bhasha,Lipi,Vyakaran Aur Hindi
2) Varna Vinyas: Uccharan
3) Shabd RachanaAur Shabd Bhandar
4) Upsarg,Pratyay
5) Sangya
6) Sangya ke Vikar
7) Sarvanaam
8) Muhavare Aur Lokoktiyaan
9) Vakya Shodhan
10) Apatith Gadyansh
11) Patra Lekhan
12) Nibandh Lekhan
13) Kahani Lekhan

2nd Term Syllabus

Gunjan Hindi Pathmala- 8

1) Ek Kutta aur Ek Maina
2) Ek Swapan sakar Hua :Amar Jyoti
3) Mera Naya Bachpan
4) Dharti ka SurakSha kavach
5) Anokha Badla

2nd LANGUAGE-HINDI

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6) Kapi Kari Hriday Vichar
7) Pardes Mei Basa Bharat
8) Kahawaton ki Duniya

Bhasha Adhigam Evam Vyakaran-8

1) Visheshan
2) Kriya
3) Kaal
4) Vachya
5) Avyay
6) Vakya Vyavastha
7) Viram Chinh
8) Lokoktiyan
10) Nibandh Lekhan
11) Patra Lekhan
12) Apatith Gadyansh
13) Kahani Lekhan

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CLASS 8 SYLLABUS **2026-2027**

3RD Language – HINDI

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1ST TERM

1) Veer Napolean
2) Seekho
3) Guru Gobind Singh
4) Ek Gadha Aur Ek Kutta

GRAMMAR

1) Vilom Shabd
2) Paryay Vachi
3) Anek Shabdo Ke Liye Ek Shabd
4) Translation
5) Essay Writing
6) Letter Writing

2ND TERM

1) Daadhi Ka Kamal
2) Maa Durga Ka Avir Bhaav
3) Raja Ram Mohan Roy
4) Kshan Ka Mehatv

GRAMMAR

5) Vilom Shabd
6) Paryay Vachi
7) Anek Shabdo Ke Liye Ek Shabd
8) Translation
9) Essay Writing
10) Letter Writing

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CLASS 8 SYLLABUS **2026-2027**

2nd Language – Bengali

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GRAMMAAR (1st and 2nd Semester)
1. Bakya Poribartan (Saral - Jotil - Jougik)
2. Suddha Banan
3.Ek kothay Prokash
4. Sadhu Cholit
5. Samarthak Shobdo
6.Biporit Shobdo
7. Podantar
8. Somocharito Vinnarthak Shobdo
9. Bagdhara.
10. Letter Writing
11. Comprehension
12. Essay Writing

1ST SEMESTER
Shahitya Kotha – Prose
1. Shakuntalar Poti Grihe Yatra – Ishwar Chandra Vidyasagar.
2. Komolakanter Sakkhyadan - Bankim Chandra Chottopadhay.
3. Shoishober Smriti - Shibnath Shastri
4. Prachin Banger Joloyan – Haraprasad Shastri.
5. Himalay Bokkhe – Jolodhar Sen.

Shahitya Kotha – Poetry
1.Maricher Swarno Mrigo Rup Dharon – Krittibas Ojha
2. Annodar Aattoporichoy – Bharatchandra Roy
3. Aattobilap – Michael Madhusudan Dutta
4. Proshno – Rabindra nath Tagore
5. Mochho Aankhi - Chittaranjan Das

2ND SEMESTER
Shahitya Kotha – Prose
1. Rajarshi – Rabindranath Tagore
2. Chandragupta and Selucas – Drijendralal Roy
3. Jibon and Biggyan – Jagadishchandra Basu
4. Aaranyak - Bibhutibhushan Bandopadhay
5. Khajanchi Babu - Tarasankar bandopadhay

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2nd Language – Bengali

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

Shahitya Kotha – Poetry

1. Bangladesh – Satyendranath Dutta
2. Tora Sob Joyodhoni kor – Kaji Najrul Ishlam
3. Aabol Tabol – Sukumar Roy
4. Jiban Vikkha – Karunanidhan Bandopadhay
5. Kajla Didi – Jatrindramohon Bagchi.

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3rd Language – Bengali

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1st Semester

- Sahaj Bangla Path – (Part –Ii)
  1. Sadh
  2. Palki Chapa Bagh
  3. Abdul Majhir Golpo
  4. Bokamir Fol
  5. Tiya Pakhir Buddhi
  6. Chhoto Nodi
- Ami Likhi Pg.No- 1 To 24
- Easy Bengali English Sikkha
  Pg.No - 29 To 40

2nd Semester

- Sahaj Bangla Path – (Part – Ii)
  1. Punnar Dekha Debota
  2. Parthona
  3. Sohrar O Rustam
  4. Netajir Antordhan
  5. Boro Puroskar
  6. Sakal –Dupur- Sandhya
- Ami Likhi Pg.No – 25 To 48
- Easy Bengali English Sikkha
  Pg.No - 29 To 40, 80, 81, 84,

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CLASS 8 SYLLABUS **2026-2027**

3RD Language – GUJARATI

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

1ST TERM

1) Porm :- 1. Diwali 2. Vanka Angha
2) Prose :- 1. Mithu nu Dhol 2.Maja Pade
3) Paragraph Writing
4) Comprehension
5) Vyakaran –Virodhi, Samanarthi Shabda, Vakya Rachna, Shabda Samuha, Ling
6) Samanaya Gyan

2ND TERM

1) Prose :- 1. Bhaise Bhanavyu Gam 2. Unarani rajama
   3. Maji ne Khawa Pav bhaji
2) Poem Aajab Ghajab
3) Vyakaran- Revision of First Term
4) Samanaya Gyan
5) Genaral Question & Answer
6) Paragraph Writing
7) Comprehension

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CLASS 8 SYLLABUS **2026-2027**

Mathematics

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1st Term syllabus

1. Rational Numbers
2. Exponents and Powers
3. Squares and Square Roots
4. Cubes and Cube Roots
5. Playing with Numbers
6. Operations on sets, Venn diagram
7. Percentages and its Application
8. Simple and Compound Interest
9. Direct and Inverse Variation
10. Algebraic Expressions and Identities
11. Factorisation
12. Linear Equations and Inequalities in One Variable
13. Understanding Quadrilaterals
14. Construction of quadrilaterals
15. Mensuration

2nd Term syllabus

1. Exponents and Powers (Continued)
2. Squares and Square Roots (Continued)
3. Cubes and Cube Roots (Continued)
4. Playing with Numbers (Continued)
5. Percentages and its Application (Continued)
6. Simple and Compound Interest (Continued)
7. Algebraic Expressions and Identities (Continued)
8. Factorisation (Continued)
9. Linear Equations and Inequalities in One Variable (Continued)
10. Mensuration (Continued)
11. Symmetry Reflection and Rotation
12. Visualising Solid Shapes
13. Data Handling
14. Circle
15. Revision chapters of 1st Term Evaluation

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CLASS 8 SYLLABUS **2026-2027**

History

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Term I

- Decline of the Mughal Empire
- Growth of the British Power in India
- Expansion of the British Rule
- Impact of the British Rule
- Social Reformers
- A Changing Time
- The Legislature
- The Executive
- The Judiciary

Term II

- The Great Uprising of 1857
- Social Reformers
- Rise of Indian Nationalism
- Struggle for freedom(1905-1939)
- Achievement of Independence(1923-1950)
- Early Nationalist Movement
- United Nations Organisations.
- UN Agencies

Note: All the chapters highlighted in blue will be considered as 20% of the First Term in the Annual Evaluation.

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CLASS 8 SYLLABUS **2026-2027**

Geography

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1ST Term Syllabus

1. Representation of Geographical features.
2. Population Dynamics
3. Migration
4. Study of Continents: Asia
5. Human Resources

2nd Term Syllabus

1. Urbanisation.
2. Natural and man made disaster.
3. Study of the Continents: India

Map Marking

1. Asia
2. India

Project

1. Population Dynamics
2. India: Climate

Teaching Points and Learning Objectives

Physical Geography

Representation of Geographical features.

1. Use of Contours.
2. Identification of Landforms.
3. Patterns of Settlement.
4. Interpretation of Topographical Sheet.

Population Dynamics

1. Factors Affecting the population of a region.
2. Composition of Population.
3. Population Pyramid.

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Geography

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Migration

1. Types of Migration.
2. Impact of migration.

Urbanisation

1. Causes of urbanisation.
2. Impact of Urbanisation.
3. Satellite cities.
4. Smart Cities.

Disaster: Natural and Man made.

1. Types of Disasters.
2. Disaster Management.
3. Case Studies.

Asia

1. Physical features- Northern Lowlands, Central Highland, plateau, river basins, islands
2. Climate and Natural Vegetation -- Tundra. Taiga., Steppe, desert, Monsoon
3. Agriculture.
4. Population - awareness and impact of fast population growth.

India

1. Political divisions (through map).
2. Location — five broad physical divisions — Northern mountains. Northern plains, peninsular India. coastal plains, islands.
3. Climate — brief climatic characteristics, three seasons with reference to North East and South West Monsoons.
4. Flora and Puma — tropical rain forest, deciduous vegetation, desert, tidal, alpine.
5. Representation at wild life sanctuaries and biospheres only through map.

India: Human Resouces.

1. Distribution of population in India
2. Human Resources in India.

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CLASS 8 SYLLABUS **2026-2027**

Computer Studies

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1st Term Syllabus:

1. Operating System and Graphical User Interface - Role and Functions
2. Algorithms and Flow Charts
3. Program Coding
   a) What is a programming?
   b) Components of a program
   c) Scratch (Practical)
      i) Program based on user input
      ii) Program based on arithmetic binary operators
      iii) Program based on if –else
      iv) Control Statements
   d) Java (Practical)
      i) Identifiers, literals
      ii) Primitive data types and variables
      iii) Operators- Arithmetic, Logical, relational

2nd Term Syllabus:

1. Spreadsheet - Ranges and Functions
2. Charts in MS-Excel
3. Networks
4. Program Coding continued.
   a) Python (Practical)
      i) Basic program using input and output
      ii) Using python as a calculator
      iii) User defined function in python

iv) String handling in Python

Computer Studies

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v) Operators in Python

b) Java (Practical)

i) Selection Command or statement if

ii) Accepting Input values

c) Scratch(Practical)

Introduce AI enabled commands in Scratch

i) Text to Speech

ii) Translate

iii) Video-sensing

5. App development

a) Working of an App

b) Types of an App

c) Development of simple apps

d) App development (Practical)

i) MIT App Inventor

ii) Thunkable

Suggested Learning Resources:

1. Office 2013 (Microsoft Excel)
2. OpenOffice 4
3. Scratch 3.29.1 / Scratch-461
4. Python IDLE 3.10 / Python 2.7.7 IDLE
5. BlueJ 5.0.3 / BlueJ 4.2.2 /BlueJ 3.2

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Physics

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1st Term Syllabus

1. Matter
2. Physical Quantities and Measurement
3. Force and pressure
4. Energy
5. Light Energy

2nd Term Syllabus

1. Heat Transfer
2. Sound
3. Electricity
4. Revision chapters of 1st Term Evaluation

1. **THEME – MATTER**
   - Kinetic theory of Matter – 3 states of matter with respect to the movement of particles
   - Energy content in 3 states
   - Explicit explanation related to boiling, vaporization, Fusion, Freezing, Evaporation, Condensation, Sublimation, Deposition using Kinetic theory of Matter
2. **THEME – PHYSICAL QUANTITIES AND MEASUREMENT**
   - Measurement of density of irregular solids using Eureka can, Measuring Cylinder
   - Basic concepts of Measurement of Density of fluids, comparison ofdensities in three states
   - Floatation and Sinking
3. **THEME – FORCE AND PRESSURE**
   - Moment of force, definition, concept and calculation and units
   - Definition of Pressure, units, calculation in simple cases
   - Pressure exerted by liquids and gases
4. **THEME – ENERGY**
   - Work – concept, definition, units, simple numericals
   - Basic concepts of Kinetic and potential energy, calculations, energy transformations
   - Energy and power

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5. **THEME – LIGHT ENERGY**
    - Refraction – definition, examples
    - Curved mirrors – convex and concave, focus, principal axis, centre of curvature, radius of curvature etc.
    - Real and virtual images
    - Rays required to construct the ray diagrams
    - Ray diagrams
    - Dispersion, rainbow and spectrum
6. **THEME – HEAT TRANSFER**
    - Boiling and evaporation
    - Thermal expansions – linear, superficial and cubical
    - Expansivity in solids, liquids and gases, examples and applications
7. **THEME – SOUND**
    - Pitch and frequency – definitions and their significances in musical instruments both wind, membrane and string instruments
    - Monotone
    - Loudness and amplitude and their units
8. **THEME – ELECTRICITY**
    - Household consumption of Electrical energy (kWh), identifying live, neutral and earth wire in terms of the energy and their direction of travel
    - Safety components like fuse and circuit breakers
    - Static electricity and conservation of charges, conduction and induction, electroscope and lightning conductor
    - Cells and Battery
    - Risks and dangers of electricity

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CLASS 8 SYLLABUS **2026-2027**

Chemistry

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1st Term

1. Matter

- Kinetic molecular theory of matter
- Change in state of matter
- Law of conservation of mass

2. Physical &chemical change

- Types of changes
- Physical & chemical change
- Characteristic of physical and chemical change
- Sign of physical change and chemical change

3. Element and compound & mixture

- Pure substance –element
- Element symbols
- Chemical formula
- How to represent compound
- Mixture- types-separation of mixture

4. Atomic structure

- Earlier views of atomic structure
- Dalton's atomic theory
- J.J Thomson's cathode ray experiment
- Goldstein experiments
- Thomson's plum pudding model
- Discovery of atomic nucleus
- Rutherford's model of atom
- Discovery of neutrons
- Bohr's model of atom
- Atomic no. ,atomic mass, electronic configuration, valencys, ions and radicals

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Chemistry

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2nd term

5. Language of chemistry

- Element, its representation, compound, its presentation.
- Chemical formula
- Formula of chlorides, oxides, sulphides
- Chemical reaction –reactant and product
- Law of conversation
- Molecular mass
- Balancing of chemical equation
- What do balance chemical equation convey
- Limitation of chemical equation

6. Chemical reaction

- Types of chemical reaction -Combination, decomposition, simple displacement, double displacement
- Neutralization
- Reactivity series
- Endothermic & thermodynamic reaction
- Oxides- classification of oxides

7. Hydrogen

- Occurrence, preparation , laboratory preparation
- Bosch ‘s process
- Use of hydrogen

8. Water

- Water cycle – properties of water
- Water as universal solvent
- Solutions- types of solution
- Suspension
- Colloids
- Water as crystallization

And chapter 4- atomic structure.

THE BGES SCHOOL
12B, HEYSHAM ROAD
KOLKATA – 700020

CLASS 8 SYLLABUS **2026-2027**

Biology

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

1st Term

1. Transport of food and minerals in plants
2. Reproduction in plants
3. Reproduction in humans
4. Ecosystems
5. Endocrine system in humans

2nd Term

6. Circulatory system in humans
7. Nervous system in humans
8. Health and hygiene
9. Food production and its management
   Test paper 1
   Test paper 2

Teaching Points and Learning objectives
Transport of food and minerals in plants

1. Xylem and phloem
2. Absorption of water and minerals
3. Transpiration and absorption
4. Translocation, importance of transpiration

Reproduction in plants

1. Asexual and sexual reproduction
2. Vegetative propagation –natural, artificial, advantages and disadavantages
3. Sexual reproduction in plants- structure of a flower
4. Pollination-natural, artificial
5. Fertilisation , seed formation, fruit and germination of seed

Reproduction in humans

1. Sexual reproduction in humans-organs of the male and female reproductive system
2. System of classification, drawbacks of two-kingdom classification
3. Ovulation and menstruation
4. Fertilisation-embryonic development

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Ecosystems

1. Ecosystem and its components-biotic and abiotic
2. Food chain, food web
3. Cultural components
4. Symbioisis, parasitism, predation
5. Types of ecosystem

Endocrine system in humans

1. Types of glands
2. Endocrine glands- details, hormones and functions
3. Adoloscence and accompanying changes
4. Personal hygiene and stress management

Circulatory System in Humans

1. The human heart- structure ,chambers of the heart,valves
2. Heart's natural pacemaker
3. Blood vessels, circulation of blood
4. Heartbeat and cardiac cycle
5. Blood pressure, blood grouping and transfusion
6. Lymphatic system

Nervous system in Humans

1. Neuron-structural unit of the nervous system
2. Types of nerves ,organs of nervous system
3. CNS,PNS and ANS
4. Brain and spinal cord, reflex action, sense organs

Health and hygiene

1. Communicable diseases
2. Vectors, prevention
3. Immunity,vaccination
4. Cleanliness and hygiene, first aid

Socially Useful Productive Work

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

1. Health and hygiene
2. Food
3. Shelter
4. Clothing
5. Culture and gardening
6. Community work and social service

Teaching Points and Learning Objectives
Activities practices, crafts and services
Health and hygiene

1. Making of tooth powder, chalk sticks, candles, shoe polish, soap, detergents, broom, wastepaper baskets, dust bins, compost manure etc.
2. Preparation of health posters.
3. Keeping of health records.
4. Keep the neighbourhood clean.
5. Working at health centres.
6. Growing medicinal plants.
7. Working for eradication of communicable diseases.
8. Provision of para-medical series.

Food

1. Growing of selected vegetables, ornamental plants.
2. Seed collection, soil testing.
3. Experimentation with different kinds of soil, different kinds of manure.
4. Vegetative propagation by cutting, breeding, grafting.
5. Vegetative reproductivity layering, soil conservation.
6. Making jam, jelly, ketchup, pickles, bakery items. Running canteens for specific periods.
7. Working in Agro – industries and on kitchen gardening, pot culture, crop and seed production, soil conservation and desert control , bee-keeping, poultry, bakery, confectionery, cooking.

Shelter

1. Making articles of use with the help of available material.
2. Polishing doors, windows and furniture.
3. Casual labour tasks in school.
4. Bamboo work, house carft, carpet weaving, etc.
5. Working on potter.
6. Mechanical, electrical and electronic workshop practice.

Socially Useful Productive Work

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Clothing

1. Making school bags, school flags, table cloths, pillow cases, table mats.
2. Production of cotton/wool/silk and other fibres. Dress making, knitting hosiery work, embrodiery, leather work.

Culture and Gardening

1. Toy making, making of artificial flowers, items, games material etc.
2. Preparing cards for festivals, designing fancy covers for books, book-binding, fancy candle-making, puppets, musical instruments, and photography.

Community work and social service

1. Helping adults in their work.
2. Keeping the school and its neighbourhood clean.
3. Helping in the care of the sick at home, in school and in the community.
4. Offering first aid when needed.
5. Helping organizers at festivals and during functions.
6. Helping police and public in traffic control.
7. Helping in literacy campaigns.
8. Surveys of the activities of business and industrial set ups in the neighbourhood.

Curriculum Transaction – Aspects of emphasis
Academic Areas
Knowledge of

1. Needs and problems of the community
2. Availability of resources

Concern for the community and environment
Interests, attitudes and values, concern for the community and the environment. Interest in the activity in which participating as demonstrated through:

1. Discipline
2. Dignity of labour
3. Initiative
4. Originality
5. Self reliance

Process of work

1. Planning and execution of work in the desired sequence.

2. Correct selection of tools as also their maintenance and manipulation.
3. Adherence to safety rules

Socially Useful Productive Work

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Scope of Syllabus as per School Compendium for teaching SUPW

Product of work

1. Quality of the finished product
2. Originality
3. Sale ability of the products

Report

Evaluation Criteria

1. Collection and interpretation of information
2. Self evaluation
3. Social usefulness of the task
4. Precautions taken
5. Results obtained

Format of a teaching learning unit

1. Area under which the content unit falls
2. Class
3. Estimated time for the completion of the task
4. Other inputs/tools etc. as needed
5. Steps of operation
6. Procedures for evaluation

Evaluation of proficiency levels coverage

1. In regard both product and service oriented activities evaluation may have the following criteria.
    - Subject matter
    - Skills
    - Work attitudes
    - Interests
2. Evaluation of all segments of growth.
3. Evaluation of both product and process performance.
4. Evaluation by the teacher who teaches with appropriate checks and balances for containing biases.
5. Evaluation in real life situations and not in hypothetical or contrived settings.

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Value Education

(Common to all Classes with varying degree of learning objective)

(Based on new syllabus issued by the council for the Indian School Certificate Examination, New Delhi

First – Edition Nov 2016, Published by RDCD)

1st Term

1. Making the Best Use of Your Strengths
2. Taking the Right Decisions in Life
3. Happiness Lies in Contentment
4. Creativity, Enthusiasm and Passion
5. Importance of Emotional Intelligence for Success
6. Beat the Exam Stress

2nd Term

7. Interacting with Others
8. Managing Anger and Self-control
9. Doing Things the Right Way
10. Gender Equality
11. Internet Is a Knowledge Hub
12. Impact of the Social Media

The above can be channelized into academics for senior students in the following ways-

- The writing skills can be channelised into literary works which involves imagination.
- Activities which involve public speaking and shouldering responsibilities, will embolden the student in the higher classes, to take up greater responsibilities like captainship, oral projects and literary events which require addressing a crowd.
- If Value education is taught to a small group, every child will get individual attention so students will be able to overcome their inhibitions and be interactive in academic sphere.

Physical Education

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition Nov 2016, Published by RDCD)

General

1. Exercises - warming up and cooling down
2. Stretching exercises
3. Exercises related to particular sports
4. Table tennis, cricket, soccer tournaments for boys
5. Table tennis and caroms tournament for girls
6. Volley ball and badminton for girls
7. Exercising on trade mills, steppers, cycles, twisters
8. Coaching camps for students - cricket and football
9. Fitness camp for students on every Saturday

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Physical Education

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Physical	**Number of Periods**	
Exercises	2	Abdominal Exercises
	2	Aerobics
	2	Pilates
	3	Skipping, Dumbbells, Swiss ball
	4	Free Hand Exercises
Games	2	Khokho
	2	Dart Throwing
	3	Table Tennis
	2	Carom
	2	Javelin
	2	Discus
	2	Gymnastics
	2	Shot put
	3	Football
	1	Hand Ball
	1	Yoga
Theory	1	Basics of athletic
	1	Structure of 400mt track.
	2	March Past-commands
	3	IOC,BCCI,ICC-SPORTS ORG
	1	KINANTHROPOMETRY
Videos	2	THE GREATEST ASHES CD1
	2	THE GREATEST ASHES CD2
	2	THE GREATEST ASHES CD3
	1	IND VS PAK 1999 WC CRK
	1	HISTORY OF FOOTBALL DISC 1
	1	HISTORY OF FOOTBALL DISC 2

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PHYSICAL EDUCATION

(Based on new curriculum issued by the council for the Indian School Certificate Examination, New Delhi First – Edition 14 June 2019, Published by RDCD)

First Term Syllabus

Key Concepts	Suggested Processes/Activities	Suggested Learning Resources
Speed	100 metres run	Race track
	Relay race	Baton
	Sprint (on the spot) and release	Wickets
	Jump plus sprint and walk back	
	Running between the wickets (Cricket)	
	Arm swing command	
Agility	T' run (straight, left, right and back run)	Cones
	Ladder drills (variations)	Ladder
	Hexagonal jump (in and out)	Hexagon Marking
	Star run	Box Marking
	Shuttle run	
	Box Running	
Flexibility	Stretching exercises (free hand - solo and partner, with medicine ball)	Medicine ball (appropriate weight)
	Sit and reach (Toe touch - Sitting down with leg straight and feet together)	Gym mats,
	Stand and reach (Hamstring stretch)	balance beam
	Gymnastic skills	Swimming Pool
	Back bend kick over	
	Back stroke in swimming	
Coordination	Handball (shooting)	Handball, goal post
	Over arm and Under arm service in volleyball	Volleyball
	Backhand and forehand in Table Tennis	Table Tennis Table,
	Butterfly stroke	Table Tennis Racquet and T.T ball
	Right and left pole dive in kho-kho	Swimming Pool
	Straight punch in Boxing	Kho-Kho ground, poles
	Single leg stand with look up and arms raised	Boxing Gloves
Balance	Cartwheel	Gym mats

	Handstand	Swiss Ball
	Single leg hop	
	Toes up on one leg	
	Balance on swiss ball	
	1000 metres run	
Endurance	Breast stroke in Swimming	Race track
	Line shuttle run	Cones
	Step-ups	Swimming pool
	Stair drills (Jogging up and down the stairs, jogging 2 steps at a time, side step left and right side)	Lines marked on ground
	Jump shuffle jump to left and then to right	Step (appropriate height)
	Jump shuffle jump to left and then to right	Flat surface
		Stairs
Strength	Push-ups	Flat surface
	Plank	Medicine ball (Appropriate weight)
	Pull ups	Horizontal Bar
	Medicine ball exercises (solo and partner)	Stair
	Double leg hop (stair drill)	Jumping pit
	Vertical Jump	

First Term Syllabus

Games/Sports Skills

Team Game

1. Basket ball
2. Kho Kho
3. Gymnastic
4. Table Tennis
5. Kabaddi

Second Term Syllabus

Games/Sports Skills

Team Game

6. Football
7. Cricket
8. Athletics
9. Badminton
10. Volleyball

11. Atyapatya

General knowledge

(Common to all Classes with varying degree of learning objective)

(Based on new syllabus issued by the council for the Indian School Certificate Examination, New Delhi

First – Edition Nov 2016, Published by RDCD)

1. SUCCESS SKILL - PERSONALITY DEVELOPMENT
   - The grooming of self-confidence begins with the developing of one communication skills.
   - Just bookish knowledge is not enough
   - To be successful in today's world, we must know how to express what we know.

2. SUCCESS SKILL – LIFE SKILL
   - The relevant knowledge required for everyday existence.
   - To encourage students to be aware of what is happening around them and how to respond and react in their everyday environment.

3. SUCCESS SKILL – GENERAL KNOWLEDGE
   - Relevant and useful information for everyday life.
   - Gradation of knowledge according to class.

4. SUCCESS SKILL – CREATIVITY AND THINKING SKILLS
   - Like our bodies, our brain too needs regular exercise.
   - Interactive exercises and mind games that will help the students to think logically and to stimulate their thought processes.

<u>Note :</u>

- Classwise detailed syllabus will be as per the series of the prescribed book. (The series number corresponds to the class)
- Classes I-IV – Projects & worksheet based
- Classes V-VIII – a) Written exams with grades
  b) Quiz /Scrap books on different topics
  c) Projects – Current affairs, Geography, History etc
  d) Quiz may be conducted by the students on any of the above mentioned subjects.
  e) Question bank may be compiled.

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CLASS 8 SYLLABUS **2026-2027**

ARTS EDUCATION

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First term

- How to read characters with. calligraphy.
- Art of ink a discussion on Chinese art.
- Poster making.
- Watercolor composition.
- T-shirt painting.
- Sora painting.
- Glass painting.
- Collage painting.

Second term

- Still life drawing with colour.
- 2D drawing.
- Human figure anatomy drawing.
- Free technique composition.
- Stencil mix media colour impression.
- Pot painting introduction.
- Warli art introduction.
- Wash technique of watercolor.
- Monoprint printmaking process.
- Basic history of world art.