

Grade 8
Final-Term Syllabus
2023-24

ENGLISH

Topic/Title	Chapter/Unit	Book/Resource
Time	Unit 4	Cambridge Lower Secondary English Learner's Book 9 and Workbook 9
That's entertainment	Unit 5	
A sense of place	Unit 6	
'The Journey Within'	Unit 7	
Different lives	Unit 8	
Strange and unusual	Unit 9	
Questions on characters, events, plot, and setting.	Chapters: 38 to 100	Life of Pi by Yann Martel
Assessment	<p>Internal: 40% Weight</p> <ul style="list-style-type: none"> • Presentations • Homework • Reflections • Literature Tests • Unit End Tests • Writing Practice/Tests • Projects <p>External: 60% Weight</p> <ul style="list-style-type: none"> • Paper 1: Non-Fiction (50 Marks) <ul style="list-style-type: none"> ○ Section A: Reading (25 Marks) <ul style="list-style-type: none"> ▪ Questions based on Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation. ○ Section B: Writing (25 Marks) <ul style="list-style-type: none"> ▪ Creation of Texts (5 Marks) ▪ Vocabulary and Language (3 Marks) ▪ Structure of Texts (7 Marks) ▪ Grammar and Punctuation (7 Marks) ▪ Word Structure/Spelling (3 Marks) • Paper 2: Fiction (50 Marks) <ul style="list-style-type: none"> ○ Section A: Reading (25 Marks) <ul style="list-style-type: none"> ▪ Questions based on Knowledge, Comprehension, Application, Analysis, Synthesis, and Evaluation. ○ Section B: Writing (25 Marks) <ul style="list-style-type: none"> ▪ Creation of Texts (5 Marks) ▪ Vocabulary and Language (3 Marks) ▪ Structure of Texts (7 Marks) ▪ Grammar and Punctuation (7 Marks) ▪ Word Structure/Spelling (3 Marks) 	

Bangla

বইঃ সাহিত্য কণিকা	লক্ষ্যঃ
<p>বিষয় সমূহঃ</p> <p><u>গদ্য</u></p> <p>১) মংডুর পথে</p> <p>২) সুখী মানুষ</p> <p>৩) আমাদের লোকশিল্প</p> <p>৪) বাংলা ভাষার জন্মকথা</p> <p>৫) বাংলা নববর্ষ</p> <p><u>ব্যাকরণ :</u></p> <p>১) বিপরীত শব্দ (নির্বাচিত)</p> <p>২) প্রতিশব্দ (নির্বাচিত)</p> <p>৩) বাগধারা (নির্বাচিত)</p> <p>৪) সন্ধি</p> <p>৫) কম্প্রিহেনশন</p> <p>৬) বাক্য</p> <p>৭) চিঠি</p> <p>৮) রচনা (সৃজনশীল লেখা)</p> <p>৯) সহায়ক পাঠ</p>	<p>নির্বাচিত গল্প থেকে যা শিখবে:</p> <p>শব্দার্থ</p> <p>বহু নির্বাচনী প্রশ্ন</p> <p>গল্প থেকে প্রশ্নোত্তর</p> <p>গল্পের মূল বিষয়</p> <p>বন্ধ পরিচ্ছেদ</p> <p>দলীয় কাজ (প্রকল্প আকারে)</p>
<p>Note: প্রয়োজনে সংযোজন ও বিয়োজন হতে পারে।</p>	

Internal Assessment: (Weight: 40% of total Assessment)	Reading Test ,class work,Class Test,Group and project work ,Home work,Presentation.
Final-Term Question Paper: (Weight: 60% of the total Assessment)	Section A (40 marks) *Reading comprehension *M.C.Q *Word Meaning *Cloze passage *Sentence transformation * Idiom *Shondhi Section-B(20 marks) *Eassay Writing *Letter Writing

Mathematics

Final Term Syllabus – 2023-2024

Grade: 8

Book: New Syllabus Mathematics 7th Edition

Chapter-6: Algebraic Fractions and Formulae (Ex-6A, 6B, 6C)

Chapter -7: Congruence and similarity (Ex-7A, 7B)

Chapter-8: Pythagoras Theorem (Ex- 8A, 8B)

Chapter-9: Trigonometric Ratios (9A, 9B, 9C, 9D)

Chapter-10: Volume of a surface area of Pyramids, Cones and Spheres (Ex-10A, 10B, 10C, 10D)

Chapter 14: Volume, surface area and symmetry (Symmetry- Ex- 14.3) [Cambridge Lower Secondary Mathematics Learner’s Book 9]

Review work from Cambridge Lower Secondary Mathematics Learner's Book 9 (Mid Term)

Chapter-5: Angles (Selective sums)

Chapter-10: Graphs (Selective sums)

Chapter- 15: Interpreting and discussing result (Ex 15.1,15.2)

Assessment

Internal Assessment

(Weight: 40% of the Total Assessment)

● Formative Assessment:

○ Classwork (Group/Pair/Individual work)

○ Homework

● Summative Assessment:

○ Tests and Marked Assignments

External Assessment

(Weight: 60% of Total Assessment)

Final-Term Question Paper

(Total Marks: 100 to be converted to 60)

● Paper 1: Basic problems for Mathematics (50 marks)

● Paper 2: Math problems with work out (50marks)

Final Term Syllabus- Grade-8

Session 2023-2024

SUBJECT : PHYSICS

TEXTBOOKS:

- 1. CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK – 8, 9**
- 2. CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8, 9**

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK- 9

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 9

Unit -3 -Force and Energy

3.1- Density

3.2- Heat and Temperature

3.3- Conservation of Energy

3.4- Moving from Hot to Cold

3.5- Ways of transferring Thermal Energy

3.6- Cooling by Evaporation

Unit 6- Sound and Space

6.1- Loudness and Pitch of Sound

6.2- Interference of Sound

6.3- Formation of Moon

6.4- Nebulae

6.5- Tectonics

Unit 9- Electricity

9.1- Parallel circuits

9.2- Current and Voltage in parallel circuits

9.3- Resistance

9.4- Practical circuits

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK – 8

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8

(Revision topics)

Unit 3- Force and Energy

Unit 6- Light

Unit 9- Magnetism

Assessment criteria

Term No: Internal Assessment: (Weight: 40% of the Total Assessment)

Term Assessment: (Weight: 60% of Total Assessment)

Question Pattern:

Structured Questions, Identification from diagram,

labelling, reasoning according to Cambridge format.

Biology

BOOK 8 (REVIEW)

CHAPTER 1: RESPIRATION

CHAPTER 4: ECOSYSTEM

CHAPTER 7: DIET AND GROWTH

BOOK 9

CHAPTER 1: PHOTOSYNTHESIS AND CARBON CYCLE

CHAPTER 4: MAINTAINING LIFE

CHAPTER 7: GENES AND INHERITANCE

Assessment criteria

Term No:	Internal Assessment: 40 marks	Term Assessment: 60 marks
Final term	Summative Test: 20 MCW/H.W: 10 Project/ Oral Markings/ Research work: 10	Structured Questions, Identification from diagram, labeling, reasoning according to Cambridge format.

Final Term Syllabus- Grade-8

Session 2023-2024

SUBJECT: CHEMISTRY

TEXTBOOKS:

- 3. CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK – 8, 9**
- 4. CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8, 9**

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK- 9

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 9

Unit -8 – Rates of reaction

8.3- Temperature and the rate of reaction

8.4- Concentration and the rate of reaction

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK – 8

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 8

(Revision topics)

Unit 2- Properties of materials – 2.1 to 2.4

Unit 5- Materials and cycles on Earth – 5.1 to 5.5

Unit 8- Chemical reactions – 8.1 to 8.5

CAMBRIDGE LOWER SECONDARY SCIENCE LEARNER'S BOOK- 9

CAMBRIDGE LOWER SECONDARY SCIENCE WORKBOOK – 9

Unit – 2 – Properties of materials – 2.1 to 2.4

Unit 5 – Reactivity – 5.1 to 5.5

Unit -8 – Rates of reaction – 8.1, 8.2

Assessment criteria

Term No: Internal Assessment: (Weight: 40% of the Total Assessment)

Term Assessment: (Weight: 60% of Total Assessment)

Question Pattern:

Structured Questions, Identification from diagram,

labelling, reasoning according to Cambridge format.

Bangladesh Studies

Bangladesh Studies (Paper: 1)

Topic
Topic 3(a): The establishment of the Mughal empire in India and its expansion into Bengal (Shahjahan, Aurangzeb)- Review topic
Topic 3(b): Reasons for the decline of the Mughal Empire
Topic: 3(c): The decline of the Mughals in Bengal and the growth of the Nawabs
Topic 4 (a) The arrival of the British

Bangladesh Studies (Paper: 2)

Topic
Topic 2(b): The challenges produced by weather- Cyclone Topic 4(d): The challenges produced by weather- Drought
Topic 3(a): Forests and Biomass Topic: 3(b) Fish Topic 3(c): Water
Topic 4(a): Climate change Topic: Plate tectonic (Review topic)

Assessment

Bangladesh Studies

Internal Assessment (Weight: 40% of the Total Assessment)	Formative Assessment: <ul style="list-style-type: none"> ● Classwork (Group/Pair/Individual work) ● Presentation on textbook topics & introspective questions ● Pre-session & exit tasks ● Summative Assessment: <ul style="list-style-type: none"> ○ Class Tests and Marked Assignments ○ Presentations
External Assessment (Weight: 60% of Total Assessment)	Section-A Part (a): Knowledge based question- One-word answer Part (b): Knowledge and understanding based questions- short Q/A Part (b): Understanding and judgement-based questions- broad Q/A with detailed information Section-B

Global Perspectives

Session- 2023-2024

Final-Term Syllabus

Topic	Skill focus	Stage	Learning objectives
Development, Trade and aid (What everyone needs: How is trade money spent)	collaboration	Stage-8	<p>Collaboration-Work positively within a team to achieve a shared outcome and improve teamwork, for example by contributing useful ideas, offering solutions to problems, encouraging other team members to participate and being open to others' ideas.</p> <p>Reflection- Explain personal contribution to teamwork and identify targets for improvement. Identify skills learned or improved during an activity and relate to personal strengths and areas for improvement.</p> <p>Evaluation- Discuss the effectiveness of an argument, making explicit reference to its structure and use of evidence.</p>
Law and Criminality (Feeling Safe)	Reflection	Stage-9	<p>Collaboration- The team assigns roles and tasks with an appropriate rationale, responding flexibly when required to make adjustments to achieve a shared outcome, and constructively resolves disagreements.</p> <p>Communication- Listen to ideas and information and offer well-judged contributions that shape the discussion and enhance understanding of the issue.</p> <p>Reflection- Explain how personal perspective on an issue has changed as a result of conducting research and exploring different perspectives. Identify skills learned or improved during an activity and consider strategies for further development.</p>
Health and wellbeing (Can disease be prevented?)	Research	Stage-9	<p>Research-Construct a range of relevant questions and identify the most appropriate one to follow up. Identify and accurately reference a wide range of print and multimedia sources and use them to locate relevant information and answer research questions.</p>

		<p>Collaboration- Work positively and sensitively within a team to achieve a shared outcome and improve teamwork, for example by contributing useful ideas, offering solutions to problems, supporting and encouraging other team members to participate and being open to others' ideas. The team assign roles and tasks with an appropriate rationale and respond flexibility when required to help each other achieve a shared outcome.</p> <p>Evaluation- Evaluate a range of sources, considering credibility in terms of factors such as the author, purpose, bias and how well they are supported by other sources.</p> <p>Reflection- Explain personal contribution to teamwork and relate to own strengths and areas for improvement. Relate benefits and challenges of teamwork to personal experience of working together to achieve a shared outcome and identify targets for improvement.</p>
--	--	---

Assessment

Global Perspectives

<p>Assessment (Weight: 60% of the Total Assessment-Class activities)</p> <p>Assessment (Weight: 40% of the Total Assessment-Research Paper)</p>	<p>Assessment criteria: Formative</p> <ul style="list-style-type: none"> • Classwork (Group/Pair/Individual work) • Presentation on challenges & introspective questions • Pre-session & exit tasks • Chart paper project • PowerPoint presentation • Marking worksheets <p>Assessment Criteria: Summative(Research paper)</p> <ul style="list-style-type: none"> • Each student will choose any one global issue and will write a research paper on it. • Structure of the Research Paper <ul style="list-style-type: none"> ✓ Title: Your research question ✓ Content: <ul style="list-style-type: none"> • Introduction • Research- • Analysis- • Evaluation- • Reflection- • Bibliography ✓ Word Limit: 1000 words • Marks distribution: Total Marks-40
---	--

French

Grade 8 French Final-Term Syllabus (2023-24)

This syllabus is being designed with a view to preparing the students for the Cambridge French as a foreign language (0520) exam, 2026 in all four Assessment Objectives such as AO1: Listening; AO2: Reading; AO3: Speaking; AO4: Writing.

BOOK: FRENCH AS A FOREIGN LANGUAGE – FOR CAMBRIDGE IGCSE (COURSEBOOK)

AUTHOR: DANIELE BOURDAIS & GENEVIEVE TALON

From page 19 to 48

2 La pleine forme : Manger, Bouger, C'est la santé

Contenus :

Les aliments, la santé

- Manger équilibré
- Les cafés, les restaurants
- Les plats traditionnels
- Les problèmes de santé
- Grammaire
- Le genre et le nombre
- L'article : défini, indéfini, partitif
- L'adjectif et le pronom démonstratif
- L'adjectif possessif
- L'impératif

2. 01 Ça commence bien !

- À boire et à manger
- Où manger ?
- Le corps

2. 02 Le blog de Mathilde

« Manger équilibré, manger pas trop cher, manger délicieux.

- Manger équilibré, ça commence dès le matin
- Super, c'est l'heure du goûter
- Petit déjeuner comme un prince, déjeuner comme un riche, dîner comme un pauvre.
- Pour le plaisir

2.03 Le Babillard

- La cuisine en pays francophones
- Adjectifs et pronoms démonstratifs

2.04 Enquête : la cuisine du Maghreb

- Adjectifs possessifs
- Adjectifs démonstratifs : ce.....ci ; cette.....là

2. 05 Gros plan sur...la santé

- L'impératif

2.06 Le français à la loupe

- Le genre et le nombre
- Comment ça se dit ?
3 Une famille à l'étranger
Un séjour dans une famille francophone
- La famille
- La maison
- Les premiers contacts
- Les lieux et activités des loisirs
- Accepter ou refuser une invitation
- Acheter des billets
- Commander un repas

Grammaire

- Les verbes : le passé composé et l'imparfait
- Venir de + infinitif
- Les pronoms relatifs : qui/que, ce qui / ce que
- Les pronoms compléments d'objet direct et indirect

Stratégie

- Se préparer à un jeu de rôle

3.01 Ça commence bien !

- La famille, quel casse-tête !
- Top 10 des métiers préférés des Français
- L'énigme des appartements
- Les loisirs, c'est vital !

3.02 Gros plan sur... les familles d'accueil

- Des jeunes ont mis leur profil sur le site d'un organisme pour trouver la famille d'accueil idéale à l'étranger.
- Pronoms relatifs **qui** et **que**

3.03 Lettre ouverte

- Mon séjour comme fille au pair
 - Mon séjour comme bénévole
 - Pronoms compléments d'objet direct
- 3.04 Savoir-vivre, savoir dire
- Comment être poli(e) avec sa famille d'accueil francophone ?
 - Premiers contacts
 - Dire ce qu'on aime faire
 - Discuter de sorties
 - Dire merci
 - Pronoms compléments d'objet indirect (coi)

3.05 Vie pratique

- Réserver et acheter des billets pour un spectacle
- Commander au restaurant

3.06 Le français à la loupe

- Les verbes : le passé composé et l'imparfait
- Comment parler du passé ?
- Comment conjuguer un verbe au passé composé ?
- Comment former le participe passé ?
- Comment conjuguer un verbe à l'imparfait ?
- Quand utiliser le passé composé ?
- Quand utiliser l'imparfait ?
- Quand utiliser l'imparfait et le passé composé dans la même phrase ?
- Comment ça se dit ?

Marks distribution for Final-Term:

Internal Marks: 40

Listening: 15 marks, Speaking: 15 marks, Reading: 5 marks,

Writing: 5 marks

Exam Marks: 60

Reading Comprehension: 30 marks, Writing: 30 marks

Session: 2023-24
Final Term Syllabus Grade 8
Commerce

Assessment criteria

Term No:	Internal Assessment: 40 marks	Term Assessment: 60 marks
Final term	Summative Test: 20 MCW/H.W: 10 Project/ Oral Markings/ class participation: 10	Structured Questions, keywords, MCQs, labelling, reasoning according to Cambridge format.

Topics:

Business Studies-

- 1.Division of labour
2. specializations
3. Factor of production
4. Motivation
5. Business department and their functions
6. Stakeholders and business objectives.
7. Communication
8. Methods of production

Accounting:

1. Bookkeeping
2. Journal entries
3. T- accounts
4. Trial balance

Types of questions: Q/A on basic understandings, T/F, F/B, Match & Join, Multiple Choice

Questions

Computer Science Syllabus

Reference Book: Cambridge Lower Secondary Computing 8 Student's Book

CHAPTER	TYPE OF ASSESSMENT
<p>FINAL TERM: Unit8.3: Teen Tech: Let's talk technology: What's going on inside. Chapter8.4:Testing conditions: Developing games. Chapter8.6: Iterating through a solution: Software design and development.</p> <p>MID TERM: All Chapters from Mid Term</p>	<p><u>PRACTICAL ASSESSMENT</u></p> <ol style="list-style-type: none"> 1. Develop a Python program using an iterative process. 2. Algorithm presented as pseudocode 3. practical problem solving <p><u>THEORY ASSESSMENT</u></p> <ul style="list-style-type: none"> ➤ Multiple Choice Questions (MCQs) ➤ True or False Questions ➤ Fill in the Blanks ➤ Short Answer Questions ➤ Matching Questions ➤ Diagram-based Questions <p>Include questions that require students to interpret or create diagrams related to CSC concepts. This can involve flowcharts, UML diagrams, memory diagrams, or network diagrams.</p>

QUESTION PAPER PATTERN

Theory Question Paper Pattern:

- Section-wise allocation
- Objective-type Questions
- Short Answer Questions
- Descriptive Questions
- Programming Concepts and Code Writing
- Diagram-based Questions

Practical Question Paper Pattern:

- Programming Tasks
- Debugging and Error Handling
- Output Prediction
- Practical Application Questions
- Documentation and Code Analysis

Marks Distribution

Total Mark distribution (100 Marks): Internal Assessment (40 Marks)+ Term Assessment(60Marks)

Mark distribution / categories for Internal Assessment: ie. Worksheets, class tests, Assignments, lab performance, class performance, class attendance.