

AVERROES INTERNATIONAL SCHOOL
Class VIII
Subject: Bangla
Syllabus for 2018-2019 Academic Year

Subject Teacher: Sabrin Jahan
Department Head: Sabrin Jahan

Mid Term Syllabus

Learning Objectives: Students will be able to -

- শব্দের সঠিক বানান শেখা এবং শব্দের অর্থ বুঝতে পারা
- সঠিক উচ্চারণে পড়তে পারা, লিখতে পারা ও বুঝতে সক্ষম হওয়া
- সৃজনশীল ভাবে বাক্য তৈরি করা
- সৃজনশীল ভাবে বিষয়ভিত্তিক রচনা, অনুচ্ছেদ, নিবন্ধ ইত্যাদি লিখতে পারা
- সমোচ্চারিত শব্দ ও শব্দের অর্থ শেখা
- সঠিক ভাবে বাংলা ভাষার অনুবাদ করা
- Comprehension পড়ে বুঝতে পারা এবং সে বিষয়ে কোন প্রশ্ন থাকলে উত্তর দেয়া

Book Name	Chapter No	Chapter Name	Page No
সাহিত্য কণিকা		আমাদের লোকশিল্প	৩৮-৪৫
		সুখী মানুষ	৪৬-৫৩
আধুনিক ভাষাকোষ বাংলা ব্যাকরণ ও নির্মিত		সমোচ্চারিত ভিন্নার্থক শব্দ	২৮৮-৩০০
		অনুচ্ছেদ রচনা অনুশীলন	৪৯৪-৪৯৯
		অনুবাদ অনুশীলন	৩৮৭-৩৮৯
জলে ও ডাঙায়		For reading development	৪১-৭৮
সংকলিত		Translation: Passage/Sentence (Eng.-Beng.)	Unseen
		পরিভাষা	Unseen
		Comprehension	Unseen
		রচনা/অনুচ্ছেদ/নিবন্ধ	Unseen

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	1 hour
Total Marks		50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
১.	নিচের শব্দগুলো দিয়ে বাক্য রচনা কর।	৪.৫
২.	নিচের প্রশ্নগুলোর উত্তর দাও।	০৩
৩.	গদ্যের মূলভাব লিখ।	০৫
৪.	সমোচ্চারিত ভিন্নার্থক অর্থ লিখ।	০৩
৫.	নিচের শব্দগুলোর বাংলা পরিভাষা লিখ।	০২
৬.	নিচের ইংরেজি বাক্যগুলো বাংলায় অনুবাদ কর / নিচের অনুচ্ছেদটি বাংলায় অনুবাদ কর।	০৫
৭.	Comprehension	৫.৫
৮.	নিচে দেয়া বিষয় থেকে যে-কোন একটি বিষয়ে আনুমানিক ১৩০ শব্দে লিখ।	০৭

Subject Teacher

Vice Principal

AVERROES INTERNATIONAL SCHOOL
Class VIII
Subject: English Language
Syllabus for 2018-2019 Academic Year

Subject Teacher: Jennifer Khan
Department Head: Dr. Nurun Nabi

Mid Term Syllabus

Learning Objectives: Students will be able to -

- skim for main idea(s)
- scan for details
- make inferences and predictions based on comprehension of a text
- identify author's purpose and tone
- analyze writer's use of linguistic and literary features
- recognize and comment on writer's language choices
- discuss and respond to content of the text orally and in writing
- write effective and coherent paragraphs
- comprehend the overall and internal organization of an academic essay
- transform a text into a newspaper article / letter / speech
- use a range of grammatical structures and vocabulary accurately and effectively

Book Name	Chapter No	Chapter Name	Page No
Intermediate English Grammar	Chapter 53-60	-ing and to (after preposition, verb and adjective)	Pg. 106-121
Secondary English Book 4	Unit 5	Reading Comprehension: "The Boar" Language: Adjectives	Pg. 75-79
	Unit 7	Reading Comprehension: "Same Tune Next Year" Language: Adverbs, Present and Past Participles	Pg. 106-111
Text Building Skill Book 2	Unit 6	Setting up a company	Pg. 135-159

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks 05	Marks 10	Duration 20 mins.	Marks 35	Duration 1 hour.
		Total Marks 50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1	Reading comprehension/ Directed Writing /Essay writing/ Grammar & vocabulary as practiced in class.	35

Subject Teacher

Vice Principal

AVERROES INTERNATIONAL SCHOOL
Class VIII
Subject: Mathematics B
Syllabus for 2018-2019 Academic Year

Subject Teacher: Farhan Alim
Department Head: Farhan Alim

Mid Term Syllabus

Learning Objectives: Students will be able to -

- Simplify simple algebraic fractions involving single terms using the rules.
- Simplify algebraic fractions with polynomials by using factorisation and using the rules
- Perform multiplication and division of simple algebraic fractions.
- Find the HCF and LCM of algebraic expressions.
- Perform addition and subtraction of simple algebraic expressions.
- Solve simple equations involving algebraic fractions.
- Express problems that involve algebraic fractions in the form of equations and solve them.
- Change the subject of a simple formula.
- Changing the subject of a formula involving squares, square roots, cubes and cube roots etc.
- Finding the unknown in a formula
- Identify a right-angled triangle and its hypotenuse.
- Define the Pythagoras' theorem and its converse and use proper symbols to express the relationship.
- Apply the Pythagoras' theorem to find the unknown side of a right-angled triangle when the other two sides are given.
- Solve word problems involving right-angled triangles using Pythagoras' theorem.
- Collect and organise data logically and present it in the form of a table.
- Define the mode and find its value for a set of data.
- Define the mean and median for a set of data and determine their values for a set of data.
- Distinguish the different purposes for which the mean, median and mode are used.
- Find the mean of a set of grouped data.
- Represent sets in Venn diagram
- Identify relation between sets

Book Name	Chapter No	Chapter Name	Page No
New Syllabus Mathematics 2 (6 th Edition)	4	Algebraic manipulation and Formulae	117-150
	6	Pythagoras Theorem	151-174
		Statistics	Worksheet
		Set	Worksheet

MARKS DISTRIBUTION				
Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	50 Minutes
		Total Marks	50	

SAMPLE QUESTIONS PATTERNS		
SL NO	Type of Question	Marks Distribution
1.	Multiple choice questions.	10 Marks
2.	Simplify each of the following fraction	4 Marks
3.	Making the or Changing the subject	4 Marks
4.	Find the unknown side of the following triangles	4 Marks
5.	Solve word problem using Pythagoras theorem	4 Marks
6.	Find mode, mean and median	5 Marks
7.	Solve the problems of set	4 Marks

Subject Teacher

Vice Principal

AVERROES INTERNATIONAL SCHOOL
 Class VIII
 Subject: Pure Maths
 Syllabus for 2018-2019 Academic Year

Subject Teacher: Mustafizur Rahman
 Department Head: Farhan Alim

Mid Term Syllabus

Learning Objectives: Students will be able to -

- To learn O-level question paper structure.

Book Name	Chapter No	Chapter Name	Page No
Pure Mathematics, Lee Peng Yee		Simultaneous equation	
		Remainder theorems	
		Factor theorems	
		Surds, Indices and Logarithm	
		Theory of quadratic equation	

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	50 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	According to O' Level Question Pattern	35

 Subject Teacher

 Vice Principal

AVERROES INTERNATIONAL SCHOOL
Class VIII
Subject: Biology
Syllabus for 2018-2019 Academic Year

Subject Teacher: Benazir Farzana
Department Head: Benazir Farzana

Mid Term Syllabus

Learning Objectives: Students will be able to -

Animal nutrition -organs of the digestive system
- chemical and mechanical methods involved
- components of a balanced diet
- how each food component is digested, absorbed and utilized

Respiration and gaseous exchange-organs of the respiratory system
- how the respiratory system is protected
- structures and process involved in breathing in and out
- effects of smoking on the respiratory system

Transport in Mammals - Need for transport system
- Cells involved
- Blood vessels involved
- Double circulation in mammals

Book Name	Chapter No	Chapter Name	Page No
Biology A Course for O'Level		Nutrition- animal nutrition	55-94
		Respiration and (g) Gas exchange	161-178
		Transport in Mammals	120-131

MARKS DISTRIBUTION

Assessment Test		Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration	
5	10	20 Min	35	50 Min	
Total Marks			50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	M.C.Q.	10
2.	Fill in the blanks.	03
3.	True/False	05
4.	Short question answers.	04
5.	Broad question answers.	03
6.	Draw diagrams & label them.	03
7.	Mix & match	07
8.	Describing, explaining & presenting experiments & graphs based on theories.	10

Subject Teacher

Vice Principal

AVERROES INTERNATIONAL SCHOOL
Class VIII
Subject: Chemistry
Syllabus for 2018-2019 Academic Year

Subject Teacher: Dr. Enamul Haque
Department Head: Dr. Enamul Haque

Mid Term Syllabus

Learning Objectives: Students will be able to -

- Understand the structure of atoms.
- Understand the concept of isotopes
- Understand atomic number and atomic mass
- Understand the concept of periodic table
- The electronic configuration of elements
- Groups and periods
- Metals and non-metals
- To understand chemical formulae
- Balancing equation
- How to write equation

Book Name	Chapter No	Chapter Name	Page No
Edexcel International GCSE (9-1) Chemistry (Student Book)	3	Atomic Structure	24-29
	4	The Periodic Table	30-37
	5 (part)	Chemical Formulas & Equation	38-42

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	50 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	List the properties	05
2.	Fill in the blanks	05

3.	M.C.Q	10
4.	Describe experiment	05
5.	Short question	10
6.	True false	05

Subject Teacher

Vice Principal

AVERROES INTERNATIONAL SCHOOL
Class VIII
Subject: Physics
Syllabus for 2018-2019 Academic Year

Subject Teacher: Raihana Arfin
Department Head: Raihana Arfin

Mid Term Syllabus

Learning Objectives: Students will be able to -

- Know how to calculate using the formula $p = m \times v$

$$F = \frac{mv - mu}{t}$$
- Derivation of $F = ma$
- Use the idea about momentum to explain safety features
- Newton's 3rd law pair force conditions
- Know how to calculate using the formula moment = $F \times d$
- Use the principle of moments for a simple system
- Understand how the upward forces on a light beam, supported at its ends, vary with the position of a heavy object placed on the beam
- Describe energy transfer involving energy stores.
- Sankey diagram
- Efficiency calculation
- Describe how energy transfer may take place by conduction. Convection, radiation.
- Explain how surface and temperature is related to absorption and emission.
- Explain ways of reducing unwanted energy transfer, such as insulation

Book Name	Chapter No	Chapter Name	Page No
Edexcel International GCSE (9-1) Physics (Student Book)	4	Momentum	40
	5	The turning effect of forces	48
	14	Energy Transfers	133
	15	Thermal Energy	139

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	50 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	Calculating momentum.	05
2.	Calculating moment.	05
3.	State the equation	02
4.	Explanation of safety features of a car or Explanation of the effect of momentum on the impact force.	05
5.	Explanation of stability at an object or Explanation of how force varies on the pivot as the weights are moved.	04
6.	Sankey diagram and efficiency calculation.	05
7.	Methods of heat transfer and explanation.	07
8.	Types of energy.	02

Subject Teacher

Vice Principal

AVERROES INTERNATIONAL SCHOOL
Class VIII
Subject: Accounting
Syllabus for 2018-2019 Academic Year

Subject Teacher: Fatema Akther
Department Head: Omor Hadi

Mid Term Syllabus

Learning Objectives: Students will be able to -

- Prepare a trial balance
- Explain why the debit and credit trial balance total should be equal.
- Explain why profit and loss calculated.
- Explain the difference between gross profit and net profit.
- Explain the relationship between the trading account and the profit and loss account
- Prepare a statement of profit or loss from information given.
- Explain why each book of original entry is used for.
- Distinguish between personal and impersonal accounts.
- Explain the format of two-column and three-column cash books.
- Explain enter up and balance-off cash books.

Book Name	Chapter No	Chapter Name	Page No
Business Accounting	6	The trial balance	75
	7	Statements of Financial Position	91
	8	Statements of Profit and Loss and Financial Position	103
	9	Statements of profit or loss and statements of financial position: further considerations	111
	12	The banking system in the UK	147

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	50 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	Multiple choice questions.	05
2.	Mathematic problem solutions.	25
3.	Theory	05

Subject Teacher

Vice Principal

AVERROES INTERNATIONAL SCHOOL
Class VIII
Subject: Business Studies
Syllabus for 2018-2019 Academic Year

Subject Teacher: S.S. Afrin
Department Head: Sabrina Ahmed

Mid Term Syllabus

Learning Objectives: Students will be able to -

- Understand the concepts of risk, ownership, sources of finance and use of profit for the different types of business.
- Understand the advantages and disadvantages of social enterprises and franchises.
- Understand how a limited company is formed.
- Understand the advantages and disadvantages of operating as a private limited company & a public limited company.
- Understand the features of public corporations.
- Understand the importance of a good communication in business.

Book Name	Chapter No	Chapter Name	Page No
Business Student Book	03	Sole Traders, Partnerships, Social Enterprises And Franchises	19-26
	04	Limited Companies & Multinationals	27-34
	05	Public Corporations	35-43
	16	The Importance Of Good Communication In Business	128-137

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	50 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	Choose the correct answer or put (x) mark on correct answer	05
2.	True /False or Match the following or Fill in the Blank	05
3.	Write one word answer or Short question	10
4.	Broad question	10
5.	Word meaning or key words	05

Subject Teacher

Vice Principal

AVERROES INTERNATIONAL SCHOOL
 Class VIII
 Subject: ICT
 Syllabus for 2018-2019 Academic Year

Subject Teacher: MOHAMMAD AKHTARUZZAMAN
 Department Head: MOHAMMAD AKHTARUZZAMAN

Mid Term Syllabus

Learning Objectives:

Theory:

Students will be able to develop concept on Digital Devices:

- Different types of peripheral devices
- Features of different peripheral devices
- Comparison between different peripheral devices
- Advantages and disadvantages between different peripheral devices

Practical:

Students will be able to work with: Different tools and techniques of spreadsheet

- Interface of Microsoft Excel 2010
- Data types and formatting worksheet
- Working with formulae and functions
- Absolute and relative reference

Book Name	Chapter No	Chapter Name	Page No
Information and Communication Technology Student Book by Pete Bell (Edexcel IGCSE 9-1)	1	Digital Devices	22 to 41
	19	Spreadsheets	284 to 292

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35 (Theory 25 + Practical 10)	Theory 50 Min Practical 40 Min
Total Marks : 50				

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution	SL NO	Type of Question	Marks Distribution
1	Multiple Choice Question	0.5 mark each	5	Match the Column	0.5 mark each
2	Fill in The Blanks	0.5 mark each	6	Word Puzzle	0.5 mark each
3	Abbreviation	0.5 mark each	7	Short Question	Maximum 10 marks each
4	True / False	0.5 mark each	8	Demonstrative Question (Practical)	
<p align="center"><u>Theoretical Question Pattern</u> * Objective question: 30% * Short question: 70%</p>			<p align="center"><i>Note: Objective questions will be formed by taking any four types of questions from 1 to 6.</i></p>		

Subject Teacher

Vice Principal