

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

Subject Teacher: Sabrin Jahan
Department Head: Sabrin Jahan

1st Term Assessment 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, চিঠি ইত্যাদি লিখতে পারা
- শব্দের প্রতিশব্দ 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		অতিথির স্মৃতি	১-৬
		তৈলচিত্রের ভূত	২২-৩০
আধুনিক ভাষাকোষ বাংলা ব্যাকরণ ও নির্মিত		সমার্থক শব্দ বা প্রতিশব্দ	২৮৪-২৮৭
		অনুচ্ছেদ রচনা অনুশীলন	৪৮৭-৪৯৩
		পরিভাষা বা পারিভাষিক শব্দ	৩৯৪-৩৯৮
		অনুবাদ অনুশীলন	৩৮৪-৩৮৬
জলে ও ডাঙায়		For reading development	৭-৪০
সংকলিত		Translation: Sentence/Passage (Eng.-Beng.)	Unseen
		Comprehension	Unseen
		প্রতিবেদন	Unseen
		রচনা	Unseen

MARKS DISTRIBUTION				
Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	30 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS		
SL NO	Type of Question	Marks Distribution
১.	সঠিক উত্তরের পাশে ক্রস (x) দাও।	02
২.	নিচের শব্দগুলোর অর্থসহ বাক্য রচনা কর।	06
৩.	নিচের প্রশ্নগুলোর উত্তর দাও।	05
৪.	নিচের শব্দগুলোর ৪টি করে প্রতিশব্দ লিখ।	2.5
৫.	নিচের শব্দগুলোর বাংলা পরিভাষা লিখ।	2.5
৬.	নিচের Sentence গুলো বাংলায় অনুবাদ কর/ নিচের অনুচ্ছেদটি বাংলায় অনুবাদ কর।	05
৭.	Comprehension- 1(প্রতিটি বক্সে সঠিক প্রতিশব্দটি বসাত্ত)/ Comprehension- 2 (৪ জন মানুষ সম্পর্কে জেনে সঠিক বক্সে ক্রস (x) দাও)।	05
৮.	নিচে দেয়া কাজ থেকে যে-কোন একটি বিষয়ে আনুমানিক ১৫০ শব্দে লিখ/ নিচে দেয়া বিষয়ের উপর আনুমানিক ১০০ শব্দের একটি প্রতিবেদন রচনা কর।	07

Subject Teacher

Vice Principal

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

Subject Teacher: Jennifer Khan
Department Head: Mohammad Nurun Nabi

1st Term Assessment 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 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
Creative Writing		As an exercise of learning and thinking, students' writing practice will be based on the following: Descriptive Writing Narrative Writing Argumentative Writing Directed Writing Comparison of Passages	
Intermediate English Grammar	38-41	If and wish	76-83
	47-48	Reported Speech 1, 2	94-97
Secondary English Book 4	1	Reading Comprehension: "Amazing Facts and Feats"	1-6
		Language: Kinds of Nouns	
	3	Reading Comprehension: "Ants at War" Language: Verbs	36-43
Text Building Skill Book 2	2	Magazines	

MARKS DISTRIBUTION				
Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	30 Min
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: Maths B
Syllabus for 2018-2019 Academic Year

Subject Teacher: Farhan Alim
Department Head: Farhan Alim

1st Term Assessment Syllabus

Learning Objectives: Students will be able to -

- Identify congruent figures and objects and use the correct notations to express congruency.
- Find unknown values in a pair of congruent figures.
- Identify similar figures and objects and use the correct notations to express similarity.
- State the properties of a pair of similar figures and use these properties to find the unknowns in a pair of similar figures.
- Use similarity properties to make scale drawings of simple objects or places such as a field, a school hall, etc.
- Calculate the actual length and the actual area from a given scale model and vice versa.
- Express the scale of a map as a representative fraction and vice versa and use it to calculate the distance between two places.
- Calculate the actual dimensions of a place on a map and vice versa.
- Calculate the actual area of places such as parks, villages, etc., on a map and vice versa.
- Solve map problems involving distance and area of a place.
- Write down an equation connecting two quantities which are directly proportional to each other and use the rule to solve problems involving direct proportion.
- Sketch the graph connecting two quantities which are directly proportional to each other.
- Write down an equation connecting two quantities which are inversely proportional to each other and use the rule to solve problems involving inverse proportion.
- Sketch the graph connecting two quantities which are inversely proportional to each other.
- Solve simple problems involving direct or inverse proportions.
- Perform expansion of algebraic expressions of the form $(a \pm b)(c \pm d)$ and $(a \pm b)(c \pm d \pm e)$.
- State the identities for the expansion of perfect squares $(a \pm b)^2$, and the expansion of $(a + b)(a - b)$.
- Perform expansions of algebraic expressions using the rules above.
- Evaluate numerical expressions using the identities learnt earlier.
- Factorise algebraic expressions by picking out the common factor.
- Factorise expressions using the algebraic identities involving perfect squares and difference of squares learnt earlier.
- Evaluate numerical expressions using factorisation.
- Factorise quadratic expressions
- Solve quadratic equations by factorisation.
- Express word problems in the form of quadratic equations and solve these problems by factorisation.
- Solve a pair of simultaneous equations by the elimination method.
- Solve a pair of simultaneous linear equations by adjusting the coefficients of one similar variable of both equations to be equal before elimination.

- Solve a pair of simultaneous linear equations by using the substitution method.
- Solve a pair of simultaneous linear equations by either the elimination or the substitution method.
- Express word problems into the form of a pair of simultaneous linear equations and using either the elimination or substitution method to solve the problem.

Book Name	Chapter No	Chapter Name	Page No
New Syllabus Mathematics-2 (6th Edition)	01	Congruence and Similarity	1-30
	02	Direct and Inverse Proportion	35-69
	03	Expansion and Factorisation of Algebraic Expressions	71-99
	05	Simultaneous Linear Equations	153-163

MARKS DISTRIBUTION

Assessment Test		Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration	
5	10	20 Min	35	40 Minutes	
Total Marks			50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	Multiple choice questions.	10 Marks
2.	Find unknown values (Congruence/Similarity)	3 Marks
3.	Calculate the actual dimensions/area of a place on a map and vice versa	3 Marks
4.	Solving problems of Direct/Inverse proportion	5 Marks
5.	Factorise the following completely	4 Marks
6.	Simplification of Algebraic Expression/Expansion	6 Marks
8.	Solve the simultaneous equation	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

1st Term Assessment Syllabus

Learning Objectives: Students will be able to -

- To learn Simultaneous Equation
- To learn Remainder and factor theorem
- To learn Basic algebra
- To learn Surd Indices

Book Name	Chapter No	Chapter Name	Page No
Pure Mathematics, Lee Peng Yee		Simultaneous Equation	
		Reminder and Factor Theorem	
		Basic algebra	
		Surd indices	

MARKS DISTRIBUTION

Assessment Test		Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration	
5	10	20 Min	35	30 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

1st Term Assessment Syllabus

Learning Objectives: Students will be able to -

- Characteristics of living organisms
- Processes in a living organism
- Features of the following: Animal cell, Plant cell, Bacteria, Fungi, Virus
- Structure, properties & functions of the following: Water, Fat/lipid carbohydrate, protein

Book Name	Chapter No	Chapter Name	Page No
Pearson		Nature and variety of living organisms (a) Characteristics of living organisms (b) Variety of living organisms	1-3
Biology A Course for O'Level		Structure and functions in living organisms (a) Level of organization -cells and tissues (b) Cell structure (c) Biological molecules- carbohydrates, protein, lipids, water, enzymes	23-39

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	30 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.	Experiments.	07

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

1st Term Assessment Syllabus

Learning Objectives: Students will be able to -

- Understand state of matter
- Change of states
- Types of substances
- Separation technique like filtration and distillation
- Understand fractional distillation and paper chromatography

Book Name	Chapter No	Chapter Name	Page No
Edexcel International GCSE (9-1) Chemistry (Student Book)	1	States of matter	3-13
	2	Element, compounds and mixtures	14-23

MARKS DISTRIBUTION

Assessment Test		Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration	
5	10	20 Min	35	30 Min	
Total Marks		50			

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1	M.C.Q	05
2	Fill in the blanks	05
3	Short question	10
4	True false	05
5	Broad question	10

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

1st Term Assessment Syllabus

Learning Objectives: Students will be able to -

- Plot and explain distance time graphs
- Plot and explain velocity time graphs

- Know how to calculate using the formulas $a = \frac{v-u}{t}$
 $v = \frac{s}{t}$
 $v^2 = u^2 + 2as$
 $s = ut + \frac{1}{2}at^2$
 $v = w + at$

- Identifying different types of force
- Calculating resultant force
- Hooke's Law and behaviour of elastic material
- $F = m \times a$
- Stopping distance, Braking distance, thinking distance and the factors affecting them.
- Describing forces on a falling object and terminal velocity.

Book Name	Chapter No	Chapter Name	Page No
Edexcel International GCSE (9-1) Physics (Student Book)	1	Forces and Motion	
		1. Movement and position	3-17
		2. Forces and shape	18-27
		3. Forces and movement	28-39

MARKS DISTRIBUTION				
Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	30 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS		
SL NO	Type of Question	Marks Distribution
1.	(V-t, d-t, Hooke's Law) Graph sketch and calculations	10
2.	$F = ma$ $a = \frac{v-u}{t}$ $v = \frac{s}{t}$ $v^2 = u^2 + 2as$ Calculations using formulas	10
3.	State and explain what is terminal velocity, Hooke's Law, Newton's Law of motion	06
4.	Free body force diagram, and resultant force calculation	06
5.	Identification of different types of forces and definitions	03

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

1st Term Assessment Syllabus

Learning Objectives: Students will be able to -

- Able to describe the accounting and history of accounting
- Describe the main difference between financial accounting and management accounting
- Present and explain the accounting equation, $Assets = Capital + Liabilities$
- Explain the meaning of terms assets, capital, liabilities, accounts receivable and accounts payable
- Able to describe two element to every transaction: on item exchanged and a from of settlement
- Able to know debtors are people who we money to a business.
- Creditors are people who are owed money by a business
- Explain why it is inappropriate to use an inventory account to record increases and decreases in inventory
- Explain differences in recording purchases on time and sales on time as compared to recording purchases and sales
- Calculate profit by comparing revenue with cost
- Explain how the accounting equation is used to show the effects of changes in assets and liabilities upon capital after goods or services have been trade
- Distinguish between a debit balance and a credit balance
- Explain why the debit and credit trial balance totals should equal one another

Book Name	Chapter No	Chapter Name	Page No
Business Accounting	01	Introduction to Accounting	3
	02	Recording Transactions	21
	03	Inventory	43
	04	Double Entry System	54
	05	Balancing off Accounts	66
	06	The Trial Balance	75
	07	Statements of Profit or Loss	91

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	30 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	Multiple choice questions.	10
2.	Mathematic problem solutions.	25

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

1st Term Assessment Syllabus

Learning Objectives: Students will be able to -

- Business activity
- Role played by different stakeholders
- Sole traders, partnerships, social enterprises and franchises

Book Name	Chapter No	Chapter Name	Page No
Business Studies		What is Business Activity	1-10
		Business Objectives	11-18
		Sole Traders, Partnerships, Social Enterprises And Franchises	19-26

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35	30 Min
Total Marks		50		

SAMPLE QUESTIONS PATTERNS

SL NO	Type of Question	Marks Distribution
1.	Choose the correct answer or put (×) 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

1st Term Assessment Syllabus

Learning Objectives:

Theory:

Students will be able to develop concept on

Digital Devices:

- Different types of digital devices
- Features of Digital Devices

Practical:

Students will be able to work with:

Different tools and techniques of Windows Explorer and MS Excel 2010

- Saving files, securing Files, managing files and folders
- Different file formats

Book Name	Chapter No	Chapter Name	Page No
Information and Communication Technology Student Book by Pete Bell (Edexcel IGCSE 9-1)	1	Digital Devices	1 to 24
	14	File Management	202 to 208
	19	Spreadsheet	276 to 283

MARKS DISTRIBUTION

Assessment Test	Class Test		Term Exam	
Marks	Marks	Duration	Marks	Duration
5	10	20 Min	35 (Theory 25 + Practical 10)	Theory 30 Min Practical 30 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 style="text-align: center;"><u>Theoretical Question Pattern</u> * Objective question: 30% * Short question: 70%</p>			<p style="text-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