

NEW MIDDLE EAST INTERNATIONAL SCHOOL

SYLLABUS FOR PLACEMENT TEST – GRADE 3 IGCSE SUBJECT PORTION

<b>English</b>	Common Noun & Proper Noun, Prepositions, Opposites, Verbs, Adjectives, Make sentences, Composition, Jumbled Sentences.
<b>Mathematics</b>	Addition (carrying), Subtraction (borrowing), Multiplication (carrying), Division (simple), One word problem either in Addition, Subtraction, Multiplication or Division, Tables (1-12), Numeration and Notation (up to Thousands)
<b>Urdu</b>	Urdu alphabets ( اے-ا ) Singular/ Plural, Opposites, Masculine / Feminine, Make Sentences, Join the alphabets correctly to make a word ( توڑ جوڑ )

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SYLLABUS FOR PLACEMENT TEST – GRADE 4 IGCSE SUBJECT PORTION

<b>English</b>	<b>Grammar</b>	Common Noun & Proper Noun, Singular & Plurals, Verbs – Usage & Conjugation, Tenses (Simple Past, Simple Present), Subject verb agreement, Prepositions, Pronoun, Adjectives, Adverbs, Punctuations, Prefixes & Suffixes, Composition.
	<b>Comprehension</b>	Unseen Passage followed by questions.
<b>Mathematics</b>		Numeration and notation (up to hundred thousands). Multiplication up to Thousands with a single digit and double digit. Division – Long, Addition & Subtraction with borrowing. Time- to write the time in figures and in words, to read the time. Fractions-reducing the fraction to the lowest form of addition and subtraction of like fraction and equivalent fractions.
<b>Urdu</b>		Sentences, Opposites. Draw a circle on the correct spelled word, Singular/Plurals, Masculine and feminine Gender.

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**SYLLABUS FOR PLACEMENT TEST – GRADE 5 IGCSE SUBJECT PORTION**

<b>English</b>	Nouns, Verbs, Adjectives, Adverbs, Pronouns (Subject & Object), Present & Past Tense, Articles, Unseen Passage, Paragraph Writing, Prepositions, Subject verb agreement. Adjectives (Comparative and Superlative), Suffixes and Prefixes, punctuation marks & plurals.
<b>Mathematics</b>	Numeration and Notation up to millions, Addition and Subtraction. Multiplication, Division, Multiples & Factors, Fractions, Introduction to Decimals, Metric System and Word Problems.
<b>Urdu</b>	Make Sentences, Singular/ Plurals, Masculine & Feminine Gender, Opposites, Write 5 sentences on the Topic :Myself

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**SYLLABUS FOR PLACEMENT TEST – GRADE 6 IGCSE SUBJECT PORTION**

<b>English</b>	Nouns, Verbs, Adjectives, Adverbs, Pronouns, Articles, Prepositions, Composition, Comprehension, Present Tense, Past Tense, Future Tense, Active & Passive Voice, Types of sentences (Simple, Compound & Complex)
<b>Mathematics</b>	Addition, Subtraction, Multiplication and Division of Fractions and Decimals. Square and Square roots, Area and perimeter of squares and rectangles, Introduction to Algebra, Construction of Circles,
<b>Urdu</b>	Make Sentences, Singular/ Plurals, Masculine & Feminine Genders, Opposites, Comprehension, Write 8 sentences on the topic: My School.

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**SYLLABUS FOR PLACEMENT TEST – GRADE 7 IGCSE SUBJECT PORTION**

<b>English</b>	Tenses, Active & Passive Voice , Direct & Indirect Speech, Noun form of words, Conditional & Modal Verbs , Relative Pronouns, Singular & Plural, Prepositions, Similes, Metaphors & Personification, Synonyms, Prefixes & Suffixes, Types of sentences ( Simple, Compound & Complex ). Comprehension, Essay, Letter Writing.
<b>Mathematics</b>	Fractions (BODMAS), Decimals, Directed Numbers, Area (Rectangle, Square, Triangle & Compound Figures), Introducing Algebra, Changing units of Area & Volume, Find the value of angles (Linear pair, Angles in a triangle, Parallel lines).
<b>Urdu</b>	Make the Sentences, Singular/Plurals, Opposites, Masculine and feminine Gender, Comprehension, Write a paragraph on the topic :My favorite personality, Translate in Urdu

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**SYLLABUS FOR PLACEMENT TEST – GRADE 8 IGCSE SUBJECT PORTION**

<b>English</b>	Reading: Comprehension (unseen passage) Writing: Informal writing (letter/e-mail)
<b>Mathematics</b>	Working with numbers (Indices), Introducing percentages & Percentage Increase and Decrease, Equations and Formulas, Ratio, Area of compound figures, Pythagoras' Theorem, Trigonometry – sine, cosine, tangent, Circles Circumference.
<b>Urdu</b>	Make Sentences, Singular/ Plurals, Opposites, masculine and feminine gender, Comprehension, Essay writing, letter writing, rewrite the sentences correctly, translate in Urdu.

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**SYLLABUS FOR PLACEMENT TEST – GRADE 9 IGCSE SUBJECT PORTION**

<b>English</b>	Comprehension, Tenses, Reported Speech, Active and Passive Voice, Relative Pronouns, Synonyms & Antonyms, Similes, Metaphor, Alliteration & Personification, Prefixes & Suffixes, Parenthetical phrases, Adverbs & Adverbial phrases, Prepositions, Homophones, Apostrophes & Contractions.	
<b>Mathematics</b>	Equations, Inequalities and Formulae, Percentages, Straight line graphs, Simultaneous Equations, Angles in Circles, Algebraic Products, Algebraic Factors, Quadratic Equations, Polygons, Inequalities and Regions and Algebraic Fractions.	
<b>Science</b>	<b>Physics</b>	<p><b><u>Waves</u></b></p> <p>i. Describing waves- Transverse and Longitudinal</p> <p>ii. Speed, frequency and wavelength. Use the equation for wave speed <math>v = f \lambda</math></p> <p>iii. Explaining wave phenomena:</p> <ul style="list-style-type: none"> <li>• Reflection of ripples</li> <li>• Refraction of ripples due to a change in speed caused by a change in depth.</li> <li>• Diffraction of ripples due to a gap</li> </ul> <p><b><u>Electromagnetic spectrum</u></b></p> <p>i. Know the main regions of the electromagnetic spectrum in order of frequency and in order of wavelength.</p> <p>ii. Properties of electromagnetic waves.</p> <p>iii. Describe typical uses of the different regions of the electromagnetic spectrum and the harmful effects on people of excessive exposure to electromagnetic radiation.</p>
	<b>Chemistry</b>	<p><b><u>States of matter – solids, liquids and gases</u></b></p> <ul style="list-style-type: none"> <li>• Distinguishing properties of solids, liquids and gases</li> <li>• Structures of solids, liquids and gases in terms of particle separation, arrangement and motion</li> <li>• Changes of state - melting, freezing, boiling, evaporation, condensation and sublimation</li> <li>• Diffusion</li> </ul> <p><b><u>Atomic structure</u></b></p> <ul style="list-style-type: none"> <li>• The three subatomic particles – protons, neutrons and electrons</li> <li>• Proton number / atomic number</li> <li>• Mass number / nucleon number</li> <li>• Electronic configuration of elements and their ions with proton number 1 to 20</li> <li>• 5. Isotopes</li> </ul>
	<b>Biology</b>	<p>1. Variation</p> <p>2. Inheritance</p>