



PAKISTAN SCHOOL MUSCAT
Admission Test Syllabus for Class VIII (Pre IX)
Session 2026-27

Subject	Topic
English	<ul style="list-style-type: none">• Unseen Comprehension Passage• Parts of Speech (Noun, Pronoun, Verb, Adjective, Adverb, Preposition, Conjunction, Interjection)• Tenses: Simple Present, Simple Past, Present Continuous, Past Continuous• Active/Passive• Paragraph Writing• Letter Writing
Mathematics	<ul style="list-style-type: none">• Basic Algebra• Number Patterns• Basic Geometry• LCM, HCF <p style="text-align: right;">Linear Equations Percentage Perimeter and Area of plane figures Ratio (Simplifications)</p>
Science	<p>The Human Respiratory System:</p> <ul style="list-style-type: none">• Define Respiration, Word Equation.• Differentiate between Breathing and Respiration.• Labelling of lungs, functions of different parts of Lungs.• Function of Red blood cell, White blood cell and Plasma, Antibody, Antigen. <p>Forces and Energy:</p> <ul style="list-style-type: none">• Balanced and Unbalanced Forces.• Define Speed. What is SI unit of speed? How speed can be calculated?• Explain the concept of diffusion. What key factors influence the process of diffusion? <p>Properties of Materials:</p> <ul style="list-style-type: none">• Describe the following terms. (Solvent, Solute, Solution, Soluble Insoluble)• Difference between Concentrated, Saturated and Dilute Solution• What are variables? What is the difference between independent, dependent, and control variables?• Define Paper Chromatography. How does paper chromatography separate different pigments in a mixture (ink dyes or food colourings).• Exothermic Reaction & Endothermic Reaction <p>Light:</p> <ul style="list-style-type: none">• Define following terms. (Reflection of light, Refraction of light, Dispersion of light)• Law of reflection, Spectrum of light, Primary & Secondary colours of light.
Urdu	<p>تفہیم (نظم و نشر / درسی کتاب سے)</p> <p>جملہ سازی (تصویری، تخلیقی، قواعدی)</p> <p>نیچرنگاری، رپورٹ نگاری</p> <p>تصویری کہانی / کہانی / احسا کہانی</p> <p>درخواست / ای میل / خط</p> <p>تشریح و توضیح</p> <p>پیراگراف لکھنا / مضمون</p> <p>مکالمہ / روداد / آپ بیتی</p> <p>قواعد: (معروضی)</p> <p>جملہ سازی، واحد جمع، مذکر مؤنث، مرکب الفاظ، الفاظ متضاد، مترادف، اسم معروف و مکرر،</p> <p>علامت فاعل و مفعول،</p> <p>ضمیر انسانی، سابقہ لاحقہ، قوسین کا استعمال، محاورات، ضرب الامثال، قواعد مشق،</p>