



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

Subject	Topic
English	<ul style="list-style-type: none">• Comprehension• Creative Writing (informal letter writing)• Parts of Speech (Basic Identification)• Comparative / Superlative adjectives and adverbs• Simple / Continuous / Perfect Tenses (Active / Passive)• Connectives
Mathematics	<ul style="list-style-type: none">• Basic Algebra• Linear Equations• Simple Inequalities• Number Patterns• Percentage• Basic Geometry• Perimeter and Area of Plane Figures• Volume and Surface Area of Prism and Cylinders
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 colorings).• 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 colors of light.
Urdu	مضمون - واحد جمع - دیے گئے الفاظ سے حوالی جگ پر کریں۔ تنہیم
Arabic	التعبير الكتابي : وصف مشهد القراءة : قراءة متحررة القواعد النحوية : كان وأخواتها ، إن وأخواتها ، الحال ، النعت ، الفعل المبني للمعلوم والفعل المبني للمجهول ، نائب الفاعل ، الأفعال التي تنصب مفعولين القواعد الإملائية : همزة القطع وهمزة الوصل ، الهمزة المتوسطة والهمزة المتطرفة