



Dubai International Private School (Al-Quoz)

DIPS, in partnership with parents and community, strives to ensure all students are digitally literate, lifelong learners, productive citizens and nurture their well-being in an inclusive learning environment.



"Empowering Minds, Inspiring Hearts, Shaping the Future"

"تمكين العقول، إلهام القلوب، تشكيل المستقبل"

Required Materials for the Entrance Test

English Department

Grade 11 & 12

I- Reading Focus:

1. TOEFL reading skills; making inferences, meaning through context, etc...

II. Literary Focus:

1. Cause/effect
2. Inferences
3. conclusion
4. Problem solving
5. Figurative Language

III. Grammar:

1. clauses
3. Reported speech
4. Active and Passive

IV: Writing:

1. Features of argumentative essays
2. Features of Descriptive essays
3. Elements of writing a story

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Good Luck



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Math Entrance Exam Preparation Material

(Grade 12)

Q	Content	Mark	Q	Content	Mark
1	Graphing Quadratic Functions	/6	8	Finding missing angles	/6
2	Factoring	/4			
3	Expanding the Factors	/6			
4	Simplifying the Fractional Exponents and Factors	/4			
5	Solving the Equations	/4			
6/7	Mid Point, Equation of Line	/9			
8/9/ 10	Trigonometric Ratios of Right Angle Triangles	/6			

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الصف الثاني عشر Gr. 12

الدروس المقررة لامتحان الدخول في اللغة العربية

- كتابة تعبير عن موضوع معين
- تلخيص نص
- تحليل نص قصصي
- الاستعارة
- الكناية
- التشبيه الضمني
- الجنس
- اسم الفاعل
- اسم المفعول
- الصفة المشبهة
- صيغ المبالغة
- اسم التفضيل
- ظرف الزمان والمكان
- اسم الزمان والمكان
- اسم الآلة
- أفعال المقاربة والرجاء والشروع
- النعت
- الحال
- المنادى

بالتوفيق والنجاح



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Required Materials For the Entrance Exam

Grade 12 Physics

Following is a list of topics that will be included in the Entrance Exam

Mechanics

1. Physical quantities.
2. Coefficient of friction.
3. Vectors and scalars.
4. Vectors' properties and operations.
5. Newton's Laws of Motion.
6. Mechanical Energy.
7. Work and mechanical power.

Static Electricity

1. Transfer of electric charge.
2. Methods of charging objects.

Current Electricity:

1. The definition of the electric current.
2. Ohm's law.
3. Electric power.
4. Resistors in parallel and series.
5. Changes of voltage and current in in parallel and series circuits.

Magnets and Magnetism:

1. Properties of magnets.
2. Properties of magnetic force.

Modern Physics:

1. Rutherford's experiment

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Required Materials For the Entrance Exam

Grade 12 Chemistry

Following is a list of topics that will be included in the Entrance Exam

- Chemical equation and reactions
- Stoichiometry
- States of matter
- Gases
- Ions in aqueous solution
- Acids and bases

Good Luck