



# 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 11)

	Skill	Mark
1	Multiple choice	/10
2	Graph the function. State the domain and range and solve the equation.	/7
3	Subtracting two polynomials finding special product simplifying rational expressions	/7
4	Simplifying powers	/9
5	Factoring polynomials.	/9
6	Write sine and cosine of each angle as a fraction and as a decimal.	/8

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## الدروس المقررة لامتحان الدخول في اللغة العربية

الصف الحادي عشر Gr. 11

- تحليل نص قصصي
- تحليل نص شعري
- الاستثناء
- صيغ المبالغة
- الصفة المشبهة
- الاختصاص
- الضمائر المتصلة
- الاستعارة
- الطباق والمقابلة
- التقديم والتأخير
- كتابة تعبير عن موضوع معين
- تلخيص نص

بالتوفيق والنجاح



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## Required Materials

### For the Entrance Exam

#### Grade 11 Chemistry

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

- Atoms the building blocks
- Arrangement of electrons in elements
- The periodic table
- Chemical bonding
- Chemical formulas and chemical names

**Good Luck**



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## Required Materials

### For the Entrance Exam

### Grade 11 Physics

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

#### Mechanics

1. SI units and physical quantities.
2. Measurements (Scientific notation and rounding numbers)
3. Constant acceleration equations. (Kinematics equations)
4. Falling Objects
5. Newton's Laws of motion.
6. Simple Harmonic Motion.

#### Electricity

1. Electric Forces and Fields
2. Schematic Diagrams of electric Circuits
3. Resistors in Series or in Parallel.
4. Ohm's Law.

#### Optics

1. Electromagnetic spectrum.
2. Electromagnetic waves.
3. Mirrors.
4. Lenses

**Good Luck**