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

Required Materials for the Entrance Test

Math Department

Grade 12

Q	Content	Mark	Q	Content	Mark
1	Graphing Quadratic Functions	/6	8	Finding missing angles	/6
2	Factoring	/4			
3	Expending 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			

Good Luck

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.

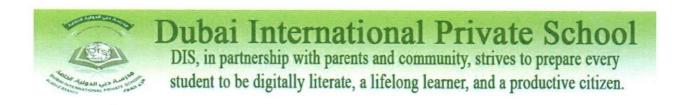
Magnets and Magnetism:

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

Modern Physics:

1. Rutherford's experiment

Good Luck



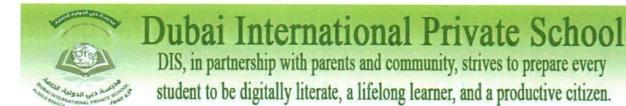
Required Materials For the Entrance Exam

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



الصف الثاني عشر Gr. 12

الدروس المقررة المتحان الدخول في اللغة العربية

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