



New Middle East International School

Grade IX Portion for the Entrance Examination (IGCSE)

## Mathematics

1. Algebra:
  - a. Simplification
  - b. Simultaneous Equation
  - c. Factorisation
  - d. Solving Quadratic Equation
2. Percentage
3. Simple Interest
4. Compound Interest
5. Ratio And Proportion
6. Matrices
  - a. Multiplication
  - b. Inverse

## English

1. Comprehension
2. Writing

## Chemistry

1. States of Matter
2. Rates of Reaction
3. Periodic Table
4. Organic Molecules
5. Metals

## **Physics**

1. Waves
2. Refraction
3. Sound
4. Spectra
5. Light
6. Measurements
7. Pressure

## **Biology**

1. Classification and Life Processes
2. Cell Structure and Enzymes
3. Blood and Circulation
4. Excretion and Homeostasis
5. Biological Molecules
6. Digestion and Absorption
7. Breathing and Respiration