



**NEFERTARI INTERNATIONAL SCHOOLS IN CAIRO  
BRITISH DIVISION  
ADMISSION ASSESSMENT OUTLINE  
YEAR TEN**

**ENGLISH (LITERACY)**

**Reading Assessment**

-The aim is to assess your comprehension to a text of 500--1000 words.

**Multiple questions of: -**

- match
- information check.

**Writing**

The student will be assessed in their knowledge of the formal and informal registers with the relevantly accurate tools.

- Friendly email / letter
- formal email /letter
- Article



**NEFERTARI INTERNATIONAL SCHOOLS IN CAIRO**  
**BRITISH DIVISION**  
**ADMISSION ASSESSMENT OUTLINE**  
**YEAR TEN**

## **MATHEMATICS**

**This exam outline is designated for applicants applying between November and March.**

**Exam will include 2 papers**

**(1<sup>st</sup> Without Calculator & 2<sup>nd</sup> With Calculator) Course outline for admission exam**

### **Numbers**

- Add, subtract, multiply and divide (Numbers, proper & improper fractions, decimals).
- Multiples, factors, HCF & LCM.
- Rounding & Standard form.
- Use the laws of arithmetic (BODMAS Rule)
- Conversions (Lengths, Areas, Volume, Weight, Money, Time, Speed....)
- Ratio, Proportion & Drawing Scale.
- Percentages (increase and decrease)

### **Algebra**

- Index & Powers Rules.
- Substitution & Changing Subject of Formula
- Expand, Simplify and Factorizing expressions
- Algebraic Fractions
- Solving linear equations & Inequalities

### **Graphs**

- Represent straight line graphs by equation in the form of  $y = mx + c$
- Graphing linear equations
- Practical Graphs

### **Geometry**

- Angles, Parallelism, Quadrilaterals, Polygons
- Calculate area of 2D shapes
- Lines of Symmetry
- Similarity & Congruence
- Pythagoras theorem
- Mensuration & Solid Geometry for (Cube, Cuboid, Cylinder)

### **Statistics:** \_

- Probability
- Pie chart
- Mean, Mode, Median & Range for Set of values