



**NEFERTARI INTERNATIONAL SCHOOL, CAIRO, EGYPT**  
**AMERICAN DIVISIONS**

**Mathematics Outlines**

**Grade 6**

- **Numbers**

1. Numbers to million (order, compare, round add and subtract).
2. Multiply by multi digit numbers.
3. Divide by 2-digit divisors.
4. Write and evaluate expressions.
5. Solve equations and find the solution set of an inequalities.
6. Decimals (order, compare, add, subtract, multiply and divide).
7. Find LCM and HCF.
8. Explore Exponents and Square Numbers.
9. Relate fractions, decimals and percentage.
10. Add, Subtract, Multiply and Divide fractions and Decimals.
11. Understand and express Ratios and Proportions.
12. Find percentage of a number.
13. Explore Integers.

- **Measuring Units**

Use conversions in different measuring units: Length, Mass, Capacity, Time.

- **Handling Data**

1. Find averages (mean, mode and median)
2. Make Bar Graphs, Pictograms, Circle Graphs and Line Graphs.
3. Graph ordered Pairs.

- **Geometry**

1. Measure and draw angles, circles.
2. Classify quadrilaterals and triangles.
3. Classify Solid figures.
4. Draw figures showing different Transformations.
5. Create Geometric Pattern.
6. Find Perimeter of regular polygons using formulas, circumference of a circle.
7. Area of squares, rectangles, parallelograms and triangles using formulas.