



GIRLS' HIGH SCHOOL
MATHEMATICS DEPARTMENT
Form 2 Academic Year: 2025 – 2026

Form 2 Teachers: Mrs. C. Daniel, Mrs. A. Jack and Mrs. J. McLean

Term 2

<u>Topic</u>	<u>Objectives</u>
Measurement	<ol style="list-style-type: none"> 1. Define the term perimeter 2. Calculate the perimeter of irregular shapes when all sides are given 3. Calculate the perimeter of irregular shapes when a side is not known 4. State a non – example of a perimeter 5. Identify and list the properties of the following plane shapes: Triangle, Square, Rectangle 6. State the perimeter including: <ol style="list-style-type: none"> a. Perimeter of a square: $A = 4L$ b. Perimeter of rectangle: $P = 2(L+W)$ c. Perimeter of a triangle with sides a, b & c: 7. Explain the concept of area by counting squares and by deriving the formula 8. Calculate the area of the plane shapes listed in #5 including <ol style="list-style-type: none"> a. Area of rectangle: b. Area of square: 9. Area of triangle = $\frac{1}{2} \times b \times h$ 10. Measurement Test
Consumer Arithmetic 2	<ol style="list-style-type: none"> 1. Solve problems involving <ol style="list-style-type: none"> a. Simple interest (use simple interest formula to calculate principal, time and rate) b. Compound interest (for not more than 3 years) c. Appreciation and Depreciation 2. Solve simple problems involving hire purchase 3. Make comparison between Hire purchase and cash Price <p>Solve problems involving foreign exchange</p>
Algebra	<ol style="list-style-type: none"> 1. Use symbols to represent numbers, operations, variables and relations 2. Translate verbal phrases into algebraic symbols and vice versa 3. Add, subtract, multiply and divide like and unlike terms. (Emphasis on Directed Numbers) 4. Add, subtract, multiply and divide expressions.(Emphasis on Directed Numbers) 5. Substitute values in algebraic expressions and formulas 6. Perform Binary operations (other than the 4 basic ones) 7. Apply the distributive law to expand algebraic expressions 8. Solve a linear equation in one variable which contains terms with variable and numbers (Emphasis on Directed Numbers) 9. Solve linear equations involving Word Problems.
Indices	<ol style="list-style-type: none"> 1. Identify and use an index of a number 2. Differentiate between expressions such as x^2 and $2x$ 3. Differentiate between $x^a + x^b$ and $x^a \times x^b$ 4. Establish and use the rule $a^n \times a^m = a^{n+m}$ 5. Establish and use the rule $a^n \div a^m = a^{n-m}$ <p>Use the laws of division to prove x^0 is 1</p>

