



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 3

<u>Topic</u>	<u>Objectives</u>
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 $a^n \div a^m = a^{n-m}$ 6. Use the laws of division to prove x^0 is 1
Angles	<ol style="list-style-type: none"> 1. State property of vertically opposite angles 2. Identify and name angles formed when parallel lines are cut by a transversal lines (alternate angles, corresponding angles, interior angles) 3. Do related calculations involving properties of angles e.g. complementary, supplementary etc.,
Graphing and Statistics	<ol style="list-style-type: none"> 1. Define the terms: statistics, data, raw data 2. Define and calculate the mean, mode and median of a given set of data