



GIRLS' HIGH SCHOOL
MATHEMATICS DEPARTMENT
Form 3 Academic Year 2025-2026

Form 3 teachers: Mrs. A. Murray, Mr. K. Dennie and
 Mrs. Cato

Term 3

Week	Topic	Learning Objectives
1 - 2	Algebra	<ol style="list-style-type: none"> 1. State solution sets of given inequalities. 2. Use the number line to show the solution set of inequalities. 3. Use set notation to show the solution set of inequalities. 4. Solve a linear in-equation. 5. Use inequalities to solve worded problems 6. Recognize and define simultaneous equations 7. Solve simultaneous linear equations graphically and algebraically (using substitution method and elimination method) 8. Use simultaneous linear equations to solve Word Problems when required
3 - 5	Coordinate Geometry	<ol style="list-style-type: none"> 1. Recognize a linear equation connecting two variables: $y = mx + c$ where m and c are real numbers 2. Plot a straight-line graph of a given equation 3. Calculate the gradient of a straight line from its graph or given two points on the line 4. Recognize the equation and know the gradient for horizontal and vertical lines: $x=k$ and $y = c$, where k and c are real numbers 5. Find the y-intercept for any straight line from its graph 6. Recognize the equation of a straight line in the form $y = mx + c$, and use this to state the gradient and the y-intercept for any straight line 7. Calculate midpoint of a line 8. Use distance formula when given two points to calculate to find the distance between them (same as finding the length of a line)
6 - 7	Consumer Arithmetic	<ol style="list-style-type: none"> 1. Identify best buys and bargains by comparing unit cost 2. Calculate the cost price when the Selling Price and the profit or loss percent are given 3. Solve simple problems involving Mortgages 4. Solve problems involving <ol style="list-style-type: none"> a) Rates b) Utility bills c) Invoices d) Salaries e) Wages

Please note that Consumer Math topics covered in Form 2 will be reviewed via worksheets and be tested on End of Term examinations.