

GHS Mathematics Department

Term 2, 2026

Form 3

Week	Topic	Learning Objectives
1 - 2	Trigonometry	<ol style="list-style-type: none">1. Determine the sine, cosine and tangent ratios of acute angles in a right-angled triangle.2. Use sine, cosine and tangent ratios in the solution of Right-angled triangles3. Use simple trigonometric ratios to solve problems based on measurements in physical world, including heights and distances
3 - 9	Algebra 1	<ol style="list-style-type: none">1. Use symbols to represent numbers, operations, variables and relations2. Translate verbal phrases into algebraic expressions and vice versa3. Substitute values for given variables in simple algebraic expressions4. Perform Binary operations (other than the 4 basic ones)5. Add, subtract, multiply and divide like terms6. Simplify expressions7. Use the laws of indices to simplify expressions8. Apply the distributive law to expand algebraic expressions9. Simplify algebraic fractions10. Solve linear equations in one variable11. Solve linear equations involving Word Problems.12. State solution sets of given inequalities.13. Use the number line to show the solution set of inequalities.14. Use set notation to show the solution set of inequalities.15. Solve a linear in-equation16. Use inequalities to solve worded problems17. Recognize and define simultaneous equations18. Solve simultaneous linear equations algebraically (using substitution method and elimination method)19. Use simultaneous linear equations to solve Word Problems