AL-BAYAN INTERNATIONAL SCHOOL
مدرسة البيان الدولية

Mr. Adeola Grade 6 Math Year Plan 2024-2025

August 29, 2024--November 2, 2024	November 3, 2024--January 18, 2025	January 21, 2025--March 24, 2025	March 25, 2025--June 11, 2025
Math Grade 6			
Unit 1: Numbers Module 1 : Integers **(6.NS.C)** • Section 1.1 Identifying Integers and Their Opposites • Section 1.2 Comparing and Ordering Integers • Section 1.3 Absolute Value Module 2: Factors and Multiples **(6.NS.B)** • Section 2.1 Greatest Common Factor • Section 2.2 Least Common Multiple Module 3: Rational Numbers **(6.NS.C.5)** • Section 3.1 Classifying Rational Numbers • Section 3.2 Identifying Opposites and Absolute Value • Section 3.3 Comparing Rational Numbers **Unit 2: Number Operations** Module 4 : Operations with Fractions **(6.NS.A)** • Section 4.1 Applying GCF and LCM to fractions • Section 4.2 Dividing Fractions • Section 4.3 Dividing Mixed Numbers • Section 4.4 Solving Multistep Problems with Fractions Module 5 : Operations with Decimals **(6.NS.B.2)** • Section 5.1 Dividing Whole Numbers • Section 5.2 Adding and Subtracting Decimals • Section 5.3 Multiplying Decimals • Section 5.4 Dividing Decimals • Section 5.5 Applying Operations with Rational Numbers	**Unit 3: Proportionality: Ratios and Rates** Module 6 : Representing Ratios and Rates **(6.RP.A)** • Section 6.1 Ratios • Section 6.2 Rates • Section 6.3 Using Ratios and Rates to Solve Problems Module 7: Applying Ratio and Rates **(6.RP.A.1)** • Section 7.1 Ratios, Rates, Tables, and Graphs • Section 7.2 Solving Problems with Proportions • Section 7.3 Converting Within Measurements • Section 7.4 Converting Between Measurements Module 8: Percents **(6.RP.A.3c)** • Section 8.1 Understanding Percent • Section 8.2 Percent, Fractions, and Decimals • Section 8.3 Solving Percent Problems **Unit 4: Equivalent Expressions** Module 9 : Generating Equivalent Numerical Expressions **(6.EE.1)** • Section 9.1 Exponents • Section 9.2 Prime Factorization • Section 9.3 Order of Operations Module 10: Generating Equivalent Algebraic Expressions **(6.EE.2a) (6.EE.3)** • Section 10.1 Modeling and Writing Expressions • Section 10.2 Evaluating Expressions • Section 10.3 Generating Equivalent	**Unit 5: Equations and Inequalities** Module 11 : Equations and Relationships **(6.EE.B)** • Section 11.1 Writing Equations • Section 11.2 Adding and Subtracting Equations • Section 11.3 Multiplication and Division Equations • Section 11.4 Writing Inequalities Module 12: Relationships in Two Variables **(6.EE.A) (6.EE.C)** • Section 12.1 Graphing on the Coordinate Plane • Section 12.2 Independent and Dependent Variables • Section 12.3 Writing Equations from Tables • Section 12.4 Representing Algebraic Relationships **Unit 6: Relationships in Geometry** Module 13: Area and Polygons **(6.G.A)** • Section 13.1 Area of Quadrilaterals • Section 13.2 Area of Triangles • Section 13.3 Solving Area Equations • Section 13.4 Area of Polygons Module 14: Distance and Area in the Coordinate Plane **(6.G.A)** • Section 14.1 Distance in the Coordinate Plane • Section 14.2 Polygons in the Coordinate Plane	**Unit 6: Relationships in Geometry** (Cont.) Module 15 : Surface Area and Volume of Solids **(6.G.A)** • Section 15.1 Nets and Surface Area • Section 15.2 Volume of Rectangular Prisms • Section 15.3 Solving Volume Equations **Unit 7: Displaying, Analyzing, and Summarizing Data** Module 16: Displaying and Analyzing Data **(6.SP.A) (6.SP.B)** • Section 16.1 Measures of Center • Section 16.2 Mean Absolute Deviation • Section 16.3 Box Plots • Section 16.4 Dot Plots • Section 16.5 Histograms