

### Grade 9 Integrated Math Year Plan 2019-2020

August 2, 2019-- October 31, 2019	October 31, 2019 – January 23, 2020	January 23, 2020—March 19, 2020	March 19, 2020-- June 16, 2020
<p><b>Chapter 4: Checking Accounts</b></p> <p><b>Section 1: Understanding and using checking accounts.</b></p> <p><b>Section 2: Bank Reconciliation</b></p> <p><b>Chapter 5: Using Equations to Sole Business Problems.</b></p> <p><b>SectionI: Solving Basic Equations</b></p> <p><b>Section II: Using Equations to solve business - related word problems.</b></p> <p><b>Chapter 7: Invoices, Trade Discounts, and Cash discounts.</b></p> <p><b>Section II: Trade Discount</b></p> <p><b>Section IV: Cash discounts and Terms of sale.</b></p>	<p><b>Unit 2: Understanding Functions</b></p> <p><b>Module 3: Functions and Models</b> HSF.IF.B.4 HSF.IF.1 HSF.IF.2 HSF.BF.1.B</p> <p><b>Unit 3: Linear Functions, Equations and Inequalities</b></p> <p><b>Module 5: Linear Functions</b> F,KE,A,1B F.IF.C.7A F.IF.B.6</p> <p><b>Module 6: Forms of Linear Equations</b> F.IF.C.7A A.EEI.D.10 A.CED.A.2</p>	<p><b>Unit 4: Statistical Models</b></p> <p>Module 9: One-Variable ( Data Distributions Lessons 9.2 - 9.4) HSS.ID.6.A HSS.ID.6.C HSS.ID.7</p> <p><b>Unit 6: Exponential Relationships</b></p> <p>Module 14: Geometric Sequence and Exponential Functions HSF.BF.2 HSF.LE.2 HSF.LE.1 HSF.LE.3 HSF.LE.4</p> <p>Module 15: Exponential Equations and Models HSF.IF.8</p> <p><b>Unit 7: Transformations and Congruence</b></p> <p>Module 17: Transformations and Symmetry HSN.CN.6 HSA.CED.4</p> <p>Module 18: Congruence Figures HSG.CO.7 HSG.CO.11</p>	<p><b>Unit 8: Lines, Angles, Triangles</b></p> <p>Module 19: Lines and Angles HSG.CO.1 HSG.SRT.1 HSG.SRT.4 HSG.GPE.5</p> <p>Module 20: Congruence HSG.CO.7 HSG.CO.11 HSG.CO.8</p> <p>Module 22: Properties of Triangles G-CI,C,10 G-SRT.B.5 HSG.SRT.2 HSG.SRT.3 HSG.CO.10 HSG.SRT.8</p> <p><b>Unit 9: Quadrilaterals and Coordinate Proof</b></p> <p>Module 24: Properties of Quadrilaterals HSG.CO.11 HSG.CO.3</p> <p>Module 25: Coordinate Proof using slope and distance HSN.CN.6 HSG.GPE.7</p>
<p><b>Global Citizenship</b> Students will explore opening a business and things to consider such as sales, expenses and profit. Compare between different types of expenses, variable vs fixed costs. Comparing different deals customers have.</p>	<p><b>Global Citizenship</b> Data collection can be reflected in graphs and compared in the real world, such as spending, money saved.</p>	<p><b>Global Citizenship</b> Students will compare population growth in various countries to determine GDP.</p>	<p><b>Global Citizenship</b> Explore how manufacturers use metal to make molds that will be used to manufacture multiple of identical products.</p>

***Mission Statement:** Al-Bayan International School personalizes learning to achieve intellectual and individual growth of all students, empowering them to impact their community.*