Grade 10 Integrated Math II Yearly Plan 2019-2020

August 2, 2019-- October 23, 2019	October 23, 2019 – January 13, 2020	January 13, 2020—March 12, 2020	March 12, 2020-- June 10, 2020
Unit 1: Polynomial Functions, Expressions and Equations INT MATH 3 **Module 5 : Polynomial Functions** **Module 6: Polynomials** **Module 7: Polynomial Equations.** **Unit 4: Quadratic Equations and Models (INT MATH 2)** **Module 8: Using Factors to solve quadratic equations** **Module 9: Using Square Roots to solve quadratic equations.** **Module 10: Linear, Exponential and quadratic Models.**	**Unit 4: Rational Functions, Expressions and Equations- Integrated 3** Module 8: Rational Functions Module 9: Rational Expressions and Equations Module 10: Radical Functions **Unit: Racial Functions, Expressions and Equations. Integrated 3** Module 11: Radical Expressions and Equations. Module 12: Sequence and Series Unit 6: Exponential and Logarithmic Functions Module 13: Exponential Functions Module 14: Modeling with Exponential Functions	**Unit 6: Exponential and Logarithmic Functions Continued (Integrated 3)** Module 15: Logarithmic Functions Module 16: Logarithmic Properties an Exponential Equations Unit 7: Trigonometric Functions Module 19: Graphing Trigonometric Functions **Unit 8: Statistics and Decision Making** Unit 20: Gathering and Displaying Data Module 21: Data Distribution Module 22: Making inferences from data. Module 23: Probability and Decision-making.	**Unit 8: Properties of a Circle** Module 24: Angles and Segments in Circles Module 25: Arc Length and Sector area Module 26: Equations of Circles and Parabola Unit 10: :Understanding Probability Module 22: Introduction to Probability Module 23: Conditional Probability and Independence of Event Module 24: Probability and Decision Making **Unit 8: Statistics and Decision Making (Integrated 2)** Module 20: Gathering and Displaying Data Module 21: Data Distribution Module 22: Making Inferences from data Module 23: Probability and Decision Making
Global Citizenship Explore and compare areas size inhabited by different countries and underlying reasons e.g. water availability, work, food etc,	**Global Citizenship** • Examine the change over time in statistics such as life expectancy and GDP in different countries and explore questions such as: Have literacy rates improved or worsened? Has the gap between rich and poor widened or closed?	**Global Citizenship** Use Oxfam's Change the World in Eight Steps to explore real-life stories behind the Millennium Development Goals,eight global goals which targeted reducing global poverty between 2000 and 2015.	**Global Citizenship** Use FIFA rankings or medal tables from previous Olympic Games to make probability statements about the likelihood of teams from different countries or continents being successful

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