

Grade 7 Math Year Plan 2019 - 2020

September 2, 2019 -- October 31, 2019	November 3, 2019 -- January 23, 2020	January 26, 2020 -- March 26, 2020	April 5, 2020 -- June 11, 2020
Unit 1 – The number system <ul style="list-style-type: none"> • Chapter 1- Adding and Subtracting integers • Chapter 2 – Multiplying and dividing integers • Chapter 3 – Rational Numbers 	Unit 2 – Ratios and proportional relationships <ul style="list-style-type: none"> • Chapter 4 – Rates and proportionality • Chapter 5 – Proportions and Percents Unit 3 – Expressions, Equations and inequalities <ul style="list-style-type: none"> • Chapter 6 – Expressions and Equations • Chapter 7 Inequalities 	Unit 4 – Geometry <ul style="list-style-type: none"> • Chapter 8 – Modeling geometric figures • Chapter 9 – Circumference, Area and volume 	Unit 5 – Statistics <ul style="list-style-type: none"> • Chapter 10 – Random samples and populations • Chapter 11 – Analyzing and comparing data Unit 6 – Probability <ul style="list-style-type: none"> • Chapter 12 – Experimental probability • Chapter 13 – Theoretical probability and simulations
*weather around the world. *change of sea level and climate refugees http://www.unhcr.org/climate-change-and-disasters.html	Use World Bank Open Data or UN data to compare proportions of a population with access to services such as electricity, education or healthcare in different countries.	Islamic tessellations—shapes arranged in an artistic pattern—might be used as a context to develop, explore, teach, and reinforce the important geometric understandings of symmetry and transformations. http://blogs.edweek.org/edweek/global_earning/2014/10/math_is_global.html	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?

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