Grade 7 Math Year Plan 2018-2019

August 28, 2018 --November 1, 2018	November 4, 2018 --January 17, 2019	January 20, 2019 --March 21, 2019	March 24, 2019 --June 3, 2019
Unit 1 – The number system ● **Chapter 1- Adding and Subtracting integers** ● **Chapter 2 – Multiplying and dividing integers** ● **Chapter 3 – Rational Numbers**	**Unit 2 – Ratios and proportional relationships** ● **Chapter 4 – Rates and proportionality** ● **Chapter 5 – Proportions and Percents** **Unit 3 – Expressions, Equations and inequalities** ● **Chapter 6 – Expressions and Equations** ● **Chapter 7 Inequalities**	**Unit 4 – Geometry** ● **Chapter 8 – Modeling geometric figures** ● **Chapter 9 – Circumference, Area and volume**	**Unit 5 – Statistics** ● **Chapter 10 – Random samples and populations** ● **Chapter 11 – Analyzing and comparing data** **Unit 6 – Probability** ● **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.	It's important, though, to only include examples that are relevant to the math and help students make sense of the world. In geometry, for example, 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_learning/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?