				2019-20 Edgewater Park Math 8 Pacing Guide		
				Melvin/Doron/Howgate/Brooks		
				This pacing guide includes days for lessons, quizzes, tests, benchmarks, and other formal assessments.		
Link to Math Student Learning Standards						
Unit #	**Teaching days**	**Days in unit including assessments**	**Time Frame**	**Topic Titles**	**Major Standards**	**Assessment Window**
1	43	50	Sept. 5 - Nov. 18	**Chapter 1 - Equations; Chapter 10 - Exponents; Chapter 7 - Real Numbers (7.1,7.2,7.4)**	8.NS.1 (supporting)	Nov. 18-22
				Know that there are numbers that are not rational, and approximate them by rational numbers.	8.NS.2 (supporting)	
				Work with radicals and integer exponents.	8.EE.A.1	
				Analyze and solve linear equations.	8.EE.A.2	
					8.EE.A.3	
					8.EE.A.4	
					8.EE.C.7a	
					8.EE.C.7b	
2	51	60	Nov. 19 - Feb. 27	**Chapter 6 - Functions; Chapter 4 - Linear Equations; Chapter 5 - Systems of Equations** **Chapter 9 - Data Analysis and Displays**	8.EE.B.5	Feb. 24-28
				Understand the connections between proportional relationships, linear, and linear equations.	8.EE.B.6	
				Analyze and solve pairs of simultaneous linear equations.	8.EE.C.8a	
				Define, evaluate, and compare functions.	8.EE.C.8b	
				Use functions to model relationships between quantities.	8.EE.C.8c	
				Investigate patterns of association in bivariate data.	8.F.A.1	
					8.F.A.2	
					8.F.A.3	
					8.F.B.4	
					8.F.B.5	
					8.SP.1 (supporting)	
					8.SP.2 (supporting)	
					8.SP.3 (supporting)	
					8.SP.4 (supporting)	
3	37	45	Feb. 28 - May 8	**Chapter 2 - Transformations; Chapter 3 - Angles & Triangles, Chapter 7 - Pythagorean**	8.G.A.1	May 4-8
				(7.3, 7.5); Chapter 8 - Volume and Similar Solids	8.G.A.2	
				Understand congruence and similarity using physical models or geometry software.	8.G.A.3	
				Understand and apply the Pythagorean Theorem.	8.G.A.4	
				Solve real-world and mathematical problems involving volume of cylinders, cones, and spheres.	8.G.A.5	
					8.G.B.6	
					8.G.B.7	
					8.G.B.8	
					8.G.C.9 (additional)	
4	24	25	May 11 - June 18	**Financial Literacy**		N/A

https://www.state.nj.us/education/cccs/frameworks/math/8.pdf