Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 1: Ratios and Proportional Reasoning							September 5 – October 7, 2019
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
2	1-1 Rates	How can you show that two objects are proportional?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Finding the rate and unit rate.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet on Rates**
3	1-2 Complex fractions & Unit Rates	How can you show that two objects are proportional?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Simplifying complex fractions and finding the unit rates.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 21 #1-13**
2	1-3 Convert Unit Rates	How can you show that two objects are proportional?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Using unit ratios and dimensional analysis to convert one rate to another.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 29 #1-5** **Convert unit rate Worksheet**
2	1-4 Proportional & Non Proportional Relationships	How can you show that two objects are proportional?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Using information from tables to determine if ratios are equivalent.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 37-40 #1-3, 10-12, 16-22**
1	**Mid Chapter 1 Quiz – Made this a take home quiz**						
2	1-5 Graph Proportional Relationships	How can you show that two objects are proportional?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Understanding the coordinate plane. Using ordered pairs to graph on the coordinate plane. If the graph is straight and goes through the origin to determine if it is proportional.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 49-52 #1-5, 7-19**
2	1-6 Solve Proportional Relationships	How can you show that two objects are proportional?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Using cross products or unit rates to determine if two rates or ratios are proportional.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 59 #1-10**
2	1-7 Constant Rate of Change	How can you show that two objects are proportional?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Using tables and graphs to see if there is a constant rate of change.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 71 #1-5**
2	1-8 Slope	How can you show that two objects are proportional?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Finding slope which also tells us the constant rate of change and unit rate.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Slope Worksheet**
2	1-9 Direct Variation	How can you show that two objects are	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c,	Using tables & graphs to determine if the ratio has a constant which then has	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work	**Pages 87-88 #1-12**

		proportional?	7.RP.2d, 7.RP.3 & 7.NS.3	direct variation.		for each student accordingly	
3	**Chapter 1 Review & Test**				**IXL Skills Review – J5, J10, J11, J12, J14, J15, J16, K1, K4, K6, K7, & K10**		

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 2: Integers							October 8 – October 30, 2019
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
2	2-1 Integers & Absolute Value	What happens when you add, subtract, multiply, and divide integers?	7.NS.1, 7.NS.1a, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.3 & 7.EE.3	Learning opposites, positive & negative numbers, graphing on a number line and determining absolute value	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Integer Worksheet**
2	2-2 Add integers	What happens when you add, subtract, multiply, and divide integers?	7.NS.1, 7.NS.1a, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.3 & 7.EE.3	Adding positive and negative numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Adding Integer Worksheet**
2	2-3 Subtract integers	What happens when you add, subtract, multiply, and divide integers?	7.NS.1, 7.NS.1a, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.3 & 7.EE.3	Subtracting positive and negative numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Subtracting Integer Worksheet**
2	2-4 Multiply integers	What happens when you add, subtract, multiply, and divide integers?	7.NS.1, 7.NS.1a, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.3 & 7.EE.3	Multiplying positive and negative numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Multiplying Integer Worksheet**
2	2-5 Divide integers	What happens when you add, subtract, multiply, and divide integers?	7.NS.1, 7.NS.1a, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.3 & 7.EE.3	Dividing positive and negative numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Dividing Integer Worksheet**
2	Adding integers inquiry lab	What happens when you add, subtract, multiply, and divide integers?	7.NS.1, 7.NS.1a, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.3 & 7.EE.3	Using two color counters to conceptualize the addition of positive and negative numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Inquiry Lab – completed during class**
2	Subtracting integers inquiry lab	What happens when you add, subtract, multiply, and divide integers?	7.RP.1, 7.RP.2, 7.RP.2a, 7.RP.2b, 7.RP.2c, 7.RP.2d, 7.RP.3 & 7.NS.3	Using two color counters to conceptualize the subtraction of positive and negative numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Inquiry Lab – completed during class**
3	**Chapter 2 Review & Test**						

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 3: Rational Numbers							November 4 – November 22, 2019
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
1	3-1 Terminating & Repeating Decimals	What happens when you add, subtract, multiply, and divide fractions?	7.NS.1, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3, 7.RP.3 & 7.EE.3	Write fractions as decimals and write decimals as fractions	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 3-1**
2	3-2 Compare & Order Rational Numbers	What happens when you add, subtract, multiply, and divide fractions?	7.NS.1, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3, 7.RP.3 & 7.EE.3	Learn the subsets of rational numbers. Compare rational numbers. Order rational numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 3-2**
1	3-3 Add & Subtract Like Fractions	What happens when you add, subtract, multiply, and divide fractions?	7.NS.1, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3, 7.RP.3 & 7.EE.3	Adding & Subtracting positive and negative rational numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 3-3**
1	3-4 Add & Subtract Unlike Fractions	What happens when you add, subtract, multiply, and divide fractions?	7.NS.1, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3, 7.RP.3 & 7.EE.3	Adding & Subtracting positive and negative rational numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 3-4**
1	**Mid Chapter Quiz**						
2	3-5 Add & Subtract Mixed Numbers	What happens when you add, subtract, multiply, and divide fractions?	7.NS.1, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3, 7.RP.3 & 7.EE.3	Adding & Subtracting positive and negative rational numbers.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 3-5**
1	3-6 Multiply fractions	What happens when you add, subtract, multiply, and divide fractions?	7.NS.1, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3, 7.RP.3 & 7.EE.3	Multiply Fractions & Mixed Numbers	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 3-6**
2	3-8 Divide Fractions	What happens when you add, subtract, multiply, and divide fractions?	7.NS.1, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3, 7.RP.3 & 7.EE.3	Divide Fractions & Mixed Numbers	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 3-8**
2	3-7 Convert between Systems	What happens when you add, subtract, multiply, and divide fractions?	7.NS.1, 7.NS.1b, 7.NS.1c, 7.NS.1d, 7.NS.2, 7.NS.2a, 7.NS.2b, 7.NS.2c, 7.NS.2d, 7.NS.3, 7.RP.3 & 7.EE.3	Convert measures between customary and metric units of measure	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 3-7**
2	**Chapter 3 Review & Test**						**IXL Review: Grade 7 Skills H3, H6, H7, G16, H9, H10, H14, H15 (80%)**

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 4: Expressions							December 2 – December 19, 2019
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
1	4-1 Algebraic Expressions	How can you use numbers and symbols to represent mathematical ideas?	7.EE.1, 7.EE.2, 7.NS.3	Evaluate and write Algebraic Expressions	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Expressions Worksheet**
1	4-2 Sequences	How can you use numbers and symbols to represent mathematical ideas?	7.EE.1, 7.EE.2, 7.NS.3	Describe and Extend Sequences. Write an Algebraic Expression from a sequence.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Sequence Worksheet**
1	4-3 Properties of Operations	How can you use numbers and symbols to represent mathematical ideas?	7.EE.1, 7.EE.2, 7.NS.3	Learn the different mathematical properties. Provide counterexamples.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Properties Worksheet**
2	4-4 Distributive property	How can you use numbers and symbols to represent mathematical ideas?	7.EE.1, 7.EE.2, 7.NS.3	Simplify using the distributive Property.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Distributive Property Worksheet**
1	**Mid Chapter Quiz**						
2	4-5 Simplifying Algebraic Expressions	How can you use numbers and symbols to represent mathematical ideas?	7.EE.1, 7.EE.2, 7.NS.3	Identify parts of an algebraic expression. Use combining like terms to simplify algebraic expressions.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Simplifying Algebraic Expressions Worksheet**
1	4-6 Add Linear Expressions	How can you use numbers and symbols to represent mathematical ideas?	7.EE.1, 7.EE.2, 7.NS.3	Add Linear Expressions by combining like terms.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Add Linear Expressions Worksheet**
1	4-7 Subtract Linear Expressions	How can you use numbers and symbols to represent mathematical ideas?	7.EE.1, 7.EE.2, 7.NS.3	Use the additive inverse rule and then add Linear expressions by combining like terms.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Subtract Linear Expressions Worksheet**
2	4-8 Factor Linear Expressions	How can you use numbers and symbols to represent mathematical ideas?	7.EE.1, 7.EE.2, 7.NS.3	Use GCF to factor a linear expression	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Factor Linear Expression Worksheet**
2	**Chapter 4 Review & Test**						

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 5: Circles & Composite Figures							February 3 – February 7, 2020
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
1	5-9 Circumference	How do measurements help you describe real world objects?	7.G.4 & 7.G.6	Using radius or diameter to find the circumference of a circle.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Circumference Worksheet**
1	5-10 Area of a circle	How do measurements help you describe real world objects?	7.G.4 & 7.G.6	Using radius squares times Pi to find the Area of a circle.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Area of Circles Worksheet**
1	5-11 Area of a composite figure	How do measurements help you describe real world objects?	7.G.4 & 7.G.6	Break irregular figures into familiar figures, find area of each and add together to find area of composite figure.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Area of Composite Figures Worksheet**
2	**Chapter 5 Circles & Composite Figures Review & Test**						

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 5: Equations & Inequalities							January 2 – January 23, 2020
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
1	5-1 Solve one-step addition & subtraction equations	What does it mean to say that two quantities are equal?	7.EE.1, 7.EE.2, 7.NS.3	Using addition & subtraction properties of equality to solve equations.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**5-1 Worksheet**
1	5-2 Multiplication & Division Equations	What does it mean to say that two quantities are equal?	7.EE.1, 7.EE.2, 7.NS.3	Using multiplication & division properties of equality to solve equations.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**5-2 Worksheet**
1	5-3 Solve Equations with Rational Coefficients	What does it mean to say that two quantities are equal?	7.EE.1, 7.EE.2, 7.NS.3	Using addition, subtraction, multiplication & division properties of equality to solve equations.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**5-3 Worksheet**
2	5-4 Solve two-step equations	What does it mean to say that two quantities are equal?	7.EE.1, 7.EE.2, 7.NS.3	Using addition, subtraction, multiplication & division properties of equality to solve equations.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**5-4 Worksheet**
2	5-5 More two-step equations	What does it mean to say that two quantities are equal?	7.EE.1, 7.EE.2, 7.NS.3	Using addition, subtraction, multiplication & division properties of equality as well as the distributive property to solve equations.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**5-5 Worksheet**
1	**Mid Chapter Quiz on equations**						
1	5-6 Solve inequalities by addition & subtraction	What does it mean to say that two quantities are equal?	7.EE.1, 7.EE.2, 7.NS.3	Using addition & subtraction properties of inequality to solve equations.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**5-6 Worksheet**
1	5-7 Solve inequalities by multiplication & Division	What does it mean to say that two quantities are equal?	7.EE.1, 7.EE.2, 7.NS.3	Using multiplication & division properties of inequality to solve equations.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Inequality Worksheet #1**
2	5-8 Solve two-step inequalities	What does it mean to say that two quantities are equal?	7.EE.1, 7.EE.2, 7.NS.3	Using addition, subtraction, multiplication & division properties of inequality to solve equations.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Inequality Worksheet #2**
2	**Chapter 5 Review & Test**						**S1 & S5 IXL Skills – 100%**

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 6: Percents							February 10 – March 13, 2020
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
2	6-1 Percent of a number	How can percent help you understand situations involving money?	7.RP.2, 7.RP.2c, 7.RP.3, 7.EE.2, 7.EE.3 & 7.G.1	Using basic calculations to find the percent of a number.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Percent of a number Worksheet**
2	6-2 Percent & Estimation	How can percent help you understand situations involving money?	7.RP.2, 7.RP.2c, 7.RP.3, 7.EE.2, 7.EE.3 & 7.G.1	Using estimation skills to find an approximate percent value.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 487 #1-12**
2	6-3 Percent Proportion	How can percent help you understand situations involving money?	7.RP.2, 7.RP.2c, 7.RP.3, 7.EE.2, 7.EE.3 & 7.G.1	Using a proportion to find a value involving percent's.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Percent Proportion Worksheet**
2	6-4 Percent Equation	How can percent help you understand situations involving money?	7.RP.2, 7.RP.2c, 7.RP.3, 7.EE.2, 7.EE.3 & 7.G.1	Using an equation to find a value involving percent's.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Percent Equation Worksheet**
2	6-5 Percent of change & error	How can percent help you understand situations involving money?	7.RP.2, 7.RP.2c, 7.RP.3, 7.EE.2, 7.EE.3 & 7.G.1	Using formulas to find the percent change and percent error.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Percent Change/Percent Error Worksheet**
2	6-6 Sale tax, tips & Markups	How can percent help you understand situations involving money?	7.RP.2, 7.RP.2c, 7.RP.3, 7.EE.2, 7.EE.3 & 7.G.1	Using basic calculations to find tax, tip, and markups.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Tax, tip, markup Worksheet**
2	6-7 Discount	How can percent help you understand situations involving money?	7.RP.2, 7.RP.2c, 7.RP.3, 7.EE.2, 7.EE.3 & 7.G.1	Using basic calculations to find the amount of discount.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Discount Worksheet**
2	6-8 Financial Literacy: Simple Interest	How can percent help you understand situations involving money?	7.RP.2, 7.RP.2c, 7.RP.3, 7.EE.2, 7.EE.3 & 7.G.1	Using I = PRT formula to find interest earned or interest paid.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Simple & Compound Interest Worksheet**
2	6-9 Scale Drawings	How does geometry help us describe real world objects?	7.G.1	Using scale to perform calculations to find actual size or scale/model size.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Scale Drawing Worksheet**

2	Chapter 6 Review & Test	IXL Skills Grade 7 – L2, L4, L5 & L6 100%

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 7: Statistics							March 16 – April 10, 2020
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
2	7-1 Make Predictions	How do you know which type of graph to use when displaying data?	7.SP.1 & 7.SP.2	Using ratios and equations to make predictions.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 575 #1-7**
2	7-2 Unbiased & Biased Samples	How do you know which type of graph to use when displaying data?	7.SP.1 & 7.SP.2	Using samples to make predictions and determining the validity of a prediction.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 585 & 586 #12-19**
2	7-3 Misleading Graphs & Statistics	How do you know which type of graph to use when displaying data?	7.SP.1 & 7.SP.2	Understanding how graphs and statistics might be misleading.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet**
5	7-4 Compare Populations	How do you know which type of graph to use when displaying data?	7.SP.1, 7.SP.2, 7.SP.3 & 7.SP.4	Using data and box plots to see variations within data.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet**
2	7-5 Select an Appropriate Display	How do you know which type of graph to use when displaying data?	7.SP.1	Understanding the different graphs and what situations the graph is best used for.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet**
3	**Chapter 7 Review & Test**						

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 8: Probability							April 13 – April 27, 2020
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
1	8-1 Probability of Simple Events	How can you predict the outcome of future events?	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c & 7.SP.4	Comparing the favorable outcomes to the total number of outcomes as a ratio.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 641-642 #14 - 30**
1	8-2 Theoretical & Experimental Probability	How can you predict the outcome of future events?	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c & 7.SP.4	Comparing what should happen to what does actually happen.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 8-2**
2	Fair & Unfair Games Inquiry Lab	How can I determine if a game is fair?	7.SP.7, 7.SP.7a & 7.SP.7b	Play games to determine outcome. Predict and analyze results.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 653 - 656**
1	8-3 Probability of Compound Events	How can you predict the outcome of future events?	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c & 7.SP.4	Finding the outcome of two or more simple events.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 661-662 #1-7**
1	8-4 Simulations	How can you predict the outcome of future events?	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c & 7.SP.4	Using an experiment to model an actual situation to predict the possible outcome of an event.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 669 #1-5**
1	8-5 Fundamental Counting Principle	How can you predict the outcome of future events?	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c & 7.SP.4	Using the FCP and multiplication to determine the number of outcomes in a sample space.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Worksheet 8-5**
1	8-6 Permutations	How can you predict the outcome of future events?	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c & 7.SP.4	Finding a listing or arrangement in which the order of the events is important.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 695 #15-27**
1	8-7 Dependent & Independent Events	How can you predict the outcome of future events?	7.SP.5, 7.SP.6, 7.SP.7, 7.SP.7a, 7.SP.7b, 7.SP.8, 7.SP.8a, 7.SP.8b, 7.SP.8c & 7.SP.4	Finding outcomes when an event does or does not affect the next outcome.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 705-706 #17-36**
2	**Chapter 8 Review & Test**				**IXL Skills Grade 7 – DD1 – DD3**		

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 9: Geometric Figures							April 28 – May 15, 2020
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
2	9-1 Classify Angles	How does geometry help us describe real-world objects?	7.G.1, 7.G.2, 7.G.3, & 7.G.5	Understanding the different type of angles and what they are called.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Pages 723-724 #1-12**
2	9-2 Complementary & Supplementary Angles	How does geometry help us describe real-world objects?	7.G.1, 7.G.2, 7.G.3, & 7.G.5	Angles that add to be 90 degrees or 180 degrees.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 731 #1-10**
2	9-3 Triangles	How does geometry help us describe real-world objects?	7.G.1, 7.G.2, 7.G.3, & 7.G.5	Understanding the different type of triangles and what they are called.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 743 #1-8**
3	9-4 Draw Three-Dimensional Figures	How does geometry help us describe real-world objects?	7.G.1, 7.G.2, 7.G.3, & 7.G.5	Using square grids to create 3-dimensional figures.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 761-762 #13-26**
2	9-5 Cross Sections	How does geometry help us describe real-world objects?	7.G.1, 7.G.2, 7.G.3, & 7.G.5	Determining the cross section when a three-dimensional object is cut.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 767 #1-6**
2	**Chapter 9 Review & Test**						**IXL Skills W2, W3, W7, W12, & W13**

Wilson Central School District Mathematics Grade 7	School Year 2019/2020 Ronald Moberg

Chapter 10: Geometric Figures							May 18 – June 3, 2020
Days	**Lesson**	**Essential Question**	**Standards**	**Content / Skills**	**Resources**	**Specially Designed Instruction**	**Assessment / Common Assessments**
2	10-1 Volume of Prisms	How do measurements help you describe real-world objects?	7.G.4 & 7.G.6	Using a formula to find the amount of space a prism takes up.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 785 #1-4**
2	10-2 Volume of Pyramids	How do measurements help you describe real-world objects?	7.G.4 & 7.G.6	Using a formula to find the amount of space a pyramid takes up.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 795 #1-4**
2	10-3 Surface Area of Prisms	How do measurements help you describe real-world objects?	7.G.4 & 7.G.6	Using a formula to find the amount of surface a prism has.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 811 #1-5**
2	10-4 Surface Area of Pyramids	How do measurements help you describe real-world objects?	7.G.4 & 7.G.6	Using a formula to find the amount of surface a pyramid has.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 823 #1-5**
3	10-5 Volume and Surface Area of Composite Figures	How do measurements help you describe real-world objects?	7.G.4 & 7.G.6	Using formulas to find the amount of surface a composite figure has and the amount of space it takes up.	NY Glencoe Math Grade 7	Maegan Zeller & Lisa Condino modifies work for each student accordingly	**Page 834 #1-4**
2	**Chapter 10 Review & Test**						