

Winslow Township Middle School

Distance Learning Instruction Plan

Math Department

Math Grade 8

Week 1: Review Solve Equations

Learning Target: Isolate variables using the Inverse Property or Inverse Operations.

- **Solve algebraic equations using the Properties of Equality**

NJSLA Standards:	Computer-based	Paper-based
8.EE.A.3 8.EE.B.1 8.EE.B.2	<ul style="list-style-type: none"> <input type="checkbox"/> EdPuzzle Video ½ day https://edpuzzle.com/media/5dc194231f0a5240a9d062b4 <input type="checkbox"/> IXL Math W 12-16 (85% correct) <input type="checkbox"/> 12 -13 2 days 14-16 2 days <input type="checkbox"/> https://www.ixl.com/diagnostic/ <input type="checkbox"/> Khan Academy Videos <input type="checkbox"/> Google Classroom ECR ½ day <input type="checkbox"/> Accommodations skills 12-13 3 days skills 14-15 2 days smart score 75% 	<ul style="list-style-type: none"> <input type="checkbox"/> Big Ideas Workbook pages 7-18 <input type="checkbox"/> Pages 7-11 2 days <input type="checkbox"/> Pages 12-18 2 days <input type="checkbox"/> ECR solving multi-step word problem Kuta Math 1 day <p>Guide Notes on Solving Equations using inverse properties</p> <p>Accommodations</p> <p>Big Ideas WB pages 7-11 3 days pages 12-15 2 days</p>

Week 2: Graphing and Writing Linear Equations

Learning Target: Understand graphing linear equations. Criteria: ■ I can identify key features of a graph. ■ I can explain the meaning of different forms of linear equations. ■ I can interpret the slope and intercepts of a line. ■ I can create graphs of linear equations.

NJSLA Standards:	Computer-based	Paper-based
8.EE.B.5 8.EE.B.6	<ul style="list-style-type: none"> <input type="checkbox"/> EdPuzzle Video ½ day https://edpuzzle.com/media/5e6b8fc6c50f 	<ul style="list-style-type: none"> <input type="checkbox"/> Big Ideas Workbook pgs 69-76 2 days pgs. 82-86 2 days <input type="checkbox"/> ECR solving multi-step word problem Kuta Math 1 day

8.F.A.3	<p>8e40cbd5f1eb</p> <ul style="list-style-type: none"> <input type="checkbox"/> IXL Math Y 5-12 (85% correct) <input type="checkbox"/> Skills 5-8 2 days 9-12 2 days <input type="checkbox"/> Khan Acad Videos/Google Class ECR ½ day <input type="checkbox"/> Accommodations skills 5-6 2 days skills 7-8 3 days smart score 75% 	<p>Guide Notes on key features of linear graphs and equations Accommodations pages 69-72 2 days pages 73-76 3 days</p>
---------	----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	--------------------------------------------------------------------------------------------------------------------------------------------------

Week 3: Systems Of Linear Equations

Learning Target: I can solve a system of equations by graphing. I can solve a system of linear equations by using substitution. I can identify the 3 types of solutions to a system of equations by understanding the graph of the system.

NJSLA Standards:	Computer-based	Paper-based
8.EE.A.1 8.EE.C.8 8.SP.B.3	<ul style="list-style-type: none"> <input type="checkbox"/> EdPuzzle Video ½ day <input type="checkbox"/> https://edpuzzle.com/media/5df9033ad27cad4157a63de3 <input type="checkbox"/> IXL Math AA 6-10 (85% correct) <input type="checkbox"/> https://www.ixl.com/diagnostic/ <input type="checkbox"/> Skills 6-8 2 days 9-10 2 days <input type="checkbox"/> Geogebra Solving Systems 1/2 day <input type="checkbox"/> Accommodations skills 6-7 2 days skills 8-9 3 days smart score 75% 	<ul style="list-style-type: none"> <input type="checkbox"/> Big Ideas Workbook pages 105-112 <input type="checkbox"/> Pages 105-108 2 days pages 109-112 2 days <input type="checkbox"/> ECR multi-step word problem Kuta Math 1 day Guide Notes on Solving Systems Of Equations key features <input type="checkbox"/> Accommodations pages 105-107 2 days pages 108-110 3 days

Week 4 : Functions

Learning Target: I can use the definition of a function to determine whether a relationship is a function given a table, graph or words. I can identify x as an element of the domain and f(x) as an element in the range given the function f, whose graph is the graph of the function y=f(x). I can use function notation, f(x), when a relation is determined to be a function. I can evaluate functions for inputs in their domains and can interpret them in context. I can recognize that arithmetic and geometric sequences are functions, sometimes defined

NJSLA Standards:	Computer-based	Paper-based
8.F.A.1 8.F.A.2 8.F.B.3	<ul style="list-style-type: none"> <input type="checkbox"/> EdPuzzle Video ½ day <input type="checkbox"/> https://edpuzzle.com/media/5e456e147d992b411eac35ec <input type="checkbox"/> IXL Math Z 10-14 (85% correct) <input type="checkbox"/> https://www.ixl.com/diagnostic/ 	<ul style="list-style-type: none"> <input type="checkbox"/> Big Ideas Workbook pages 121-132 <input type="checkbox"/> Pages 121-126 2 days pages 127-132 2 days <input type="checkbox"/> ECR solving multi-step word problem Kuta Math 1 day Guide Notes on Functions

	<ul style="list-style-type: none">❑ Skills 10-12 2 days 13-14 2 days❑ Google Classroom ECR $\frac{1}{2}$ day❑ Accommodations skills 10-11 2 days skills 12-14 3 days smart score 75%	Accommodations pages 121-124 2 days pages 125-130 3 days
--	---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------	-------------------------------------------------------------------------------