Name: Linda Dodd-Nagel **Lesson Plans for the week of :** 1/9/22

	Subject: Math 8 **Time:**	**NYS Standards**
MONDAY	**Objective:** Understanding Relations and Functions - Revised Module 5 Lessons **Procedure:** 1. Notes on 6.1 Relations and Functions 2. Review for quiz on F to C and C to F for tomorrow 3. Homework in packet **Text/Materials:** Math in Focus:Singapore Math Course 3" **Evaluation:** homework in packet of 6.1	8.F.1 Understand that a function is a rule that assigns to each input exactly one output. 8.F.4 Construct a function to model a linear relationship between two quantities. 8.EE.8.c Solve real-world and mathematical problems leading to two linear equations in two variables. For... ***Students will understand that a function is a rule that assigns to each input exactly one output. Students will also graph a function in a real world situation.***
TUESDAY	**Objective:** Representing Functions - Revised Module 5 Lessons **Procedure:** 1. Go over homework, quiz on F to C, C to F 2. Notes: 6.2 Representing Functions 3. Assign packet homework **Text/Materials:** Math in Focus:Singapore Math Course 3" **Evaluation:** packet	8.F.4 Construct a function to model a linear relationship between two quantities. 8.F.5 Describe qualitatively the functional relationship between two quantities by analyzing a graph... ***Students will graph and recognize the difference between discrete or continuous and linear or nonlinear functions.***
WEDNESDAY	**Objective:** Understanding Linear and NonLinear Functions (p1) - Revised Module 5 Lessons **Procedure:** 1. Go over homework 2. Notes: 6.3a 3. Assign problems(1-10) in packet **Text/Materials:** Math in Focus:Singapore Math Course 3" **Evaluation:** problems (1-10)	8.F.3 Interpret the equation y = mx + b as defininga linear function, whose graph is a straight line; give examples of functions that are not linear. ***Students will recognize the difference between a linear and nonlinear function in graphs and tables.***
THURSDAY	**Objective:** Understanding Linear and NonLinear Functions (p2) - Revised Module 5 Lessons **Procedure:** 1. Go over homework 6.3a problems(1-10) 2. Notes: 6.3b 3. Assign Revised Problem Set of Module 5 Lesson 6 **Text/Materials:** Math in Focus:Singapore Math Course 3" **Evaluation:** Problem Set	8.F.3 Interpret the equation y = mx + b as defininga linear function, whose graph is a straight line; give examples of functions that are not linear. ***Students will recognize the difference between a linear and nonlinear function in graphs and tables.***
FRIDAY	**Objective:** Comparing Two Functions **Procedure:** 1. Go over homework, collect WRS #9 2. Notes: 6.4 3. Hand out Weekly Review Sheet #10, homework at end of notes. **Text/Materials:** Math in Focus:Singapore Math Course 3" **Evaluation:** Weekly Review Sheet #9	8.F.1-3 ***Students will compare rates of change between two linear functions represented in different forms.***

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