

Northwood Middle School

Weekly Planner

Vicki Brown, Marissa Burton, Jerry Wood

For the week of:		August 19 - 23, 2024		Email:	
Periods:	4th and 7th (Brown) 4th, 5th, 6th (Burton and Wood)			asbrown@greenville.k12.sc.us marburton@greenville.k12.sc.us gawood@greenville.k12.sc.us	
Course:	Math 8			Teacher Voice Mail	355-7030 (Brown) 355-7052 (Burton) 355-7022 (Wood)
Unit Title/Topic	Module 1: Transforming Geometric Objects Topic 1: Rigid Motion Transformations			Lesson plans may be modified throughout the week due to the academic needs of the students.	
Standards:	8.GM.1 Investigate the properties of rigid transformations (rotations, reflections, translations) using a variety of tools (e.g., grid paper, reflective devices, graphing paper, technology). b. Verify that corresponding angles are congruent. c. Verify that corresponding line segments are congruent. 8.GM.2 Apply the properties of rigid transformations (rotations, reflections, translations). c. Translate geometric figures vertically and/or horizontally. d. Recognize that two-dimensional figures are only congruent if a series of rigid transformations can be performed to map the pre-image to the image. e. Given two congruent figures, describe the series of rigid transformations that justifies this congruence				
Day	Learning Targets	Class Activities		Assessments	Homework
Monday 8/19	I can identify corresponding angles and corresponding sides and then use patty paper to confirm congruence.	1. Bell Ringer 2. Notes on corresponding sides and angles 3. Practice		Teacher Observation	15 Minutes on MATHia
Tuesday 8/20	I can investigate the rules for a translation with patty paper to create congruent figures.	1. Bell Ringer 2. Introduction to translations 3. Practice with patty paper.		Teacher Observation	15 Minutes on MATHia
Wednesday 8/21	I can accurately translate figures on the coordinate plane when given a rule in coordinate notation.	1. Bell Ringer 2. Notes on translations		Teacher Observation	Study for Quiz
Thursday 8/22	I can apply my knowledge of the coordinate plane, congruency, and translations on my quiz by accurately graphing and answering mastery connect questions.	Mastery Connect Quiz		Minor Grade - Mastery Connect	15 Minutes on MATHia

Friday 8/23	I can investigate the rules for reflections and identify a reflection on the coordinate plane.	<ol style="list-style-type: none">1. Bell Ringer2. Introduction to Reflections3. Notes on Reflections	Teacher Observation	Have a great weekend!
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