

Northwood Middle School

Weekly Planner

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For the week of: January 6-10, 2025		Email: asbrown@greenville.k12.sc.us marburton@greenville.k12.sc.us gawood@greenville.k12.sc.us			
Periods:	4th and 7th (Brown) 4th, 5th, and 6th (Burton) 5th, 6th, and 7th (Wood)				
Course:	Math 8		Teacher Voice Mail	355-7030 (Brown) 355-7052 (Burton) 355-7022 (Wood)	
Unit Title/Topic	Module 2: Developing Functional Relationships Topic 4: Patterns in Bivariate Data		Lesson plans may be modified throughout the week due to the academic needs of the students.		
Standards:	8.DSP.1 Investigate bivariate data. a. Collect bivariate data. b. Graph the bivariate data on a scatter plot. c. Describe patterns observed on a scatter plot, including clustering, outliers, and association (positive, negative, no correlation, linear, nonlinear). 8.DSP.2 Draw an approximate line of best fit on a scatter plot that appears to have a linear association and informally assess the fit of the line to the data points. 8.DSP.3 Apply concepts of an approximate line of best fit in real-world situations. a. Find an approximate equation for the line of best fit using two appropriate data points. b. Interpret the slope and intercept. c. Solve problems using the equation. 8.DSP.4 Investigate bivariate categorical data in two-way tables. a. Organize bivariate categorical data in a two-way table. b. Interpret data in two-way tables using relative frequencies. c. Explore patterns of possible association between the two categorical variables. 8.DSP.5 Organize data in matrices with rational numbers and apply to real-world and mathematical situations. a. Understand that a matrix is a way to organize data. b. Recognize that a $m \times n$ matrix has m rows and n columns. c. Add and subtract matrices of the same size. d. Multiply a matrix by a scalar.				
Day	Learning Targets	Class Activities		Assessments	Homework
Monday 1/6	No School	Teacher Work Day			
Tuesday 1/7	I can graph bivariate data on a scatter plot and describe patterns and associations	1. Bell Ringer 2. Practice graphing bivariate data and vocabulary		Teacher Observation	MATHia 15 mins
Wednesday 1/8	I can draw a line of best fit on a scatter plot with an association that	1. Bell Ringer 2. Notes on line of best fit 3. Practice		Teacher Observation	MATHia 15 mins

	represents a linear relationship.			
Thursday 1/9	I can find the slope and y-intercept of a line of best fit and interpret the meaning in a real world context.	1. Bell Ringer 2. Notes on finding the slope and y-intercept of a line of best fit 3. Practice	Teacher Observation	MATHia 15 mins
Friday 1/10	I can create a line of best fit to match a set of data and solve real world problems.	1. Bell Ringer 2. Practice with line of best fit	Teacher Observation & minor grade	Have a great weekend!