

· Advanced Algebra Quarter 4 Breakdown · North Community High School ·

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TIMELINE	STANDARDS TAUGHT/LEARNED	ASSESSMENTS/MASTERY
WEEK ONE (APR 6 - APR 10)	Unit 8 - Statistics - Analyzing graphs to draw conclusions - Interpreting misleading graphs (bias & bad data) - Misleading graphs gallery walk	Data Collection & Graph Manipulation Poster (Thursday, April 9th & Friday April 10th)
WEEK TWO (APR 13 - APR 17)	ACT Prep - Equivalent expressions & solving equations - Area, perimeter, & angles - Testing strategies	MCA Testing (Wednesday, April 15th & Thursday, April 16th)
WEEK THREE (APR 20 - APR 24)	ACT Prep - ACT practice test & testing strategies Unit 8 - Statistics - Calculating and visualizing measures of spread (mean, median, range, IQR) - Data distributions (normal vs. non-normal) and spread (standard deviation)	ACT (Tuesday, April 21st)
WEEK FOUR (APR 27 - MAY 1)	Unit 8 - Statistics - Mean and mean deviation - Normal distributions and empirical rule - Using samples to make inferences about the population (margin of error)	Quiz (Friday, May 1st)
WEEK FIVE (MAY 4 - MAY 8)	Unit 8 - Statistics - Distinguishing between sampling methods (simple random sample, stratified, cluster, systematic, convenience) - Analyze surveys, observations, and experiments - Modeling chance behavior (identify basic event, running simulations to determine if event can occur)	Simulation Analysis Poster (Thursday, May 7th & Friday, May 8th)
MIDQUARTER		
WEEK SIX (MAY 11 - MAY 15)	Unit 9 - Trigonometry - Angle measurements in degrees and radians - Right triangle trigonometry - finding missing angles - Right triangle trigonometry - finding missing sides	Quiz (Friday, May 15th)
WEEK SEVEN (MAY 18 - MAY 22)	Unit 9 - Trigonometry - Identifying key features of a trigonometric function (amplitude, period, midline) - Writing trigonometric equations from a graph - Graphing trigonometric equations from an equation	Quiz (Friday, May 22nd)
WEEK EIGHT*** (MAY 28 - MAY 29)	Final Exam Review (2 Days)	Sr. Awards & Field Day (Friday, May 29th)
WEEK NINE (JUN 1 - JUN 5)	Final Exam Review (3 Days) Final Exam (2 Days)	Final Exam (Thursday, June 4th & Friday, June 5th)

WEEK TEN** (JUN 8 - JUN 10)	Flex Day for Test Make Ups Valley Fair Field Trip Last Day of School	
FINAL		

Credit for this course is earned through mastery of the above standards and mastery of the standards is shown through the above assessment options. Showing mastery through assessments of standards earns you credit for the course.

Resources for the above standards can be found on our Google Classroom page as the quarter progresses. Please let me know if you would like to meet before or after school for additional support.