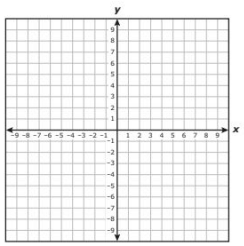
Essential Standards Chart

Subject: _Math___ Grade: __6-8_ Team Members: _Math Department_____

Standard #	Standard Description	Example/Rigor	Prior Skills Needed	Common Assessment/ Summative	When Taught
6th Grade 6.3E	Multiply and divide positive rational numbers fluently	18 A pharmacist put 4.536 ounces of vitamin pills into bottles. She put 0.042 ounce of vitamin pills into each bottle. How many bottles did the pharmacist use for these vitamin pills? F 11 G 5 H 18 J 108	6.3D (add, subtract, **multiply and divide** integers 6.2D (ordering rational numbers) 6.2B (identify its number and its opposite)	Exit ticket, Quiz, Test	Aug 14-October 9
7th Grade 7.4D	Solve problems involving ratios, rates, and percents, including multi-step problems involving percent increase and percent decrease, and financial literacy problems.	The price of a video game was reduced from $60 to $45. By what percentage was the price of the video game reduced? A. 15% **B. 25%** C. 75% D. 40%	6.4B, 6.4G, 6.4H	Formative Assessments- Concept checks, Quizzes, Activities	Sept 2019
Math 8 8.3 C	I can use an algebraic representation to explain the effect of a scale factor applied to a figures on a coordinate plane.	Triangle MNP is graphed on a coordinate grid with vertices at $M(-3,-6)$, $N(0,3)$ and $P(6,-3)$. Triangle MNP is dilated by a scale factor of u with the origin as the center of dilation to create triangle $M'N'P'$. Which ordered pair represents the coordinates of the vertex P'? A $(6+u,-3+u)$ B $(\frac{6}{u},-\frac{3}{u})$ C $(6+\frac{1}{u},-3+\frac{1}{u})$ D $(6u,-3u)$	6.4B, 6.4C, 6.5A, 7.5A, 7.5C, 8.3A, 8.3B	Teacher made Quizzes per targeted TEK. Unit Test	Oct 2019

Honors Algebra (8th Grade) A.3.D	Graph the solution set of linear inequalities in two variables on the coordinate plane	Which ordered pair is in the solution set of $y \geq \frac{1}{3}x + 4$?  **A** $(-6, 1)$ **B** $(-1, 6)$ **C** $(6, -1)$ **D** $(1, -6)$	Graphing linear equations, understanding inequalities on a number line, solving for y in a linear equation, manipulating inequalities through mathematical properties of equalities.	Teacher made Quizzes per targeted TEK. Unit Test	January 2020