



Trinity Lutheran School Eighth Grade (Algebra 1) Math Essential Standards Chart

Essential Standards Chart: At Trinity Lutheran, we expect children to learn?

Grade: Eighth Grade		Subject: Math Aligned with Paw Paw Public Schools essential standards to help with transition to High School.				
Standard Description	Common Core Standards	Proficiency	Prerequisite Skill	Assessment	When Taught?	Extension Standards
What is the essential standard to be learned? Written in I Can Statements		What does proficient look like? Provide an example and/or description.	What prior knowledge, skills, and/or vocabulary is/are needed for a student to master this standard?	What assessments will be used to measure student mastery?	When will this standard be taught?	What will we do when students have learned the essential standard(s)?
I can solve linear one-step and multi-step equations in one variable.		80 % or higher on Formative and Summative Assessment	Understand adding, subtracting, multiplying and dividing.	Chapter Assessment	Holt Chapter 2	
I can solve linear one step and multi-step inequalities in one variable.		80 % or higher on Formative and Summative Assessment	Understand adding, subtracting, multiplying and dividing. Understanding of inequalities	Chapter Assessment	Holt Chapter 3	
I can represent functions in multiple ways (graphs, tables and equations)		80 % or higher on Formative and Summative Assessment	Understand how to read a graph. Understand how to interpret data. Understands the	Chapter Assessment	Holt Chapter 4	

			difference between an equation.			
I can recognize and apply properties of exponents.		80 % or higher on Formative and Summative Assessment	Understand exponents and principles.	Chapter Assessment	Holt Chapter 7	
I can solve systems of linear equations using multiple methods.		80 % or higher on Formative and Summative Assessment	Understand adding, subtracting, multiplying and dividing. Understanding of fractions. Know how to solve one step equations.	Chapter Assessment	Holt Chapter 6	
I can read and interpret various types of graphs		80 % or higher on Formative and Summative Assessment	Understand how to read a graph. Understand how to interpret data. Understands the difference between an equation.	Chapter Assessment	Holt Chapter 10	
I can simplify, recognize and classify polynomials		80 % or higher on Formative and Summative Assessment	Understanding of shapes and properties.	Chapter Assessment	Holt Chapter 7	
I can graph and know properties of quadratic functions.		80 % or higher on Formative and Summative Assessment	Understand how to read a graph. Understand how to interpret data. Understands the difference between an equation. Know how to solve one step equations.	Chapter Assessment	Holt Chapter 9	