

Ellsworth Community School District
Power Standards and Reporting Rubric for Grade 8 Math and Basic Math 8

Standard 1 - Linear Relations and Functions

Algebraically solves, graphs, interprets & creates models of linear relations.

<i>Advanced</i>	<i>Proficient</i>	<i>Developing</i>	<i>Beginning</i>
Demonstrates complex level of understanding of linear relations or functions.	Demonstrates multiple forms of understanding linear relations or functions.	Demonstrates limited forms of understanding linear relations or functions.	Demonstrates understanding of linear relations or functions in one form.

Standard 2- Geometry

Uses and applies geometric concepts to solve problems.

Advanced(AD)	Proficient(PR)goal	Developing(DE)	Beginning(BE)
Demonstrates a complex understanding of geometric concepts to solve problems.	Uses and applies geometric concepts to solve problems with any figure.	Uses and applies geometric concepts to solve problems with basic figures.	Demonstrates a basic understanding of geometric concepts.

Standard 3- Statistics and Probability

Uses and applies the concepts of probability to solve problems.

Advanced(AD)	Proficient(PR)goal	Developing(DE)	Beginning(BE)
Interpret, create, and predict future values.	Analyzes and creates statistical and probability values.	Interprets statistical and probability values.	Computes statistical and probability values.

Standard 4- The Number System

Uses and applies appropriate numbers to analyze and solve problems.

Advanced(AD)	Proficient(PR)goal	Developing(DE)	Beginning(BE)
Demonstrates a complex understanding of the number system to solve problems.	Consistently uses the number system to solve problems and approximate irrational numbers.	Identifies real numbers.	Demonstrates a basic understanding of the number system.