

RSU 56 6-8 MATH STANDARDS FOR REPORTING 22/23: ALIGNED WITH GLENCOE MATH SCOPE AND SEQUENCE **08/20/2022**

The following Math standards will be reported at TWKDMS during the 2022-2023 school year. These standards were selected for reporting during the 2021-2022 school year as part of the implementation of the Glencoe program. Specific units are not identified below, however the terms selected are intended to align with the sequence of Glencoe units that possess assessments which assess the selected standards. TWKDMS also uses IXL for practice and assessment purposes. IXL is a research-based adaptive software program especially used for intervention purposes. IXL is not a math program, and as a supplement it possesses grade level skill plans organized by CCSS Math standard aligned to the Glencoe program. For more information about [IXL](#), [click here](#). RSU 56 uses a dual reporting format in grades 6 through 12. In addition to reporting performance on the essential Benchmark Standards listed below, overall student performance for all Math standards is also reported in a traditional grade format.

For more information about [the Glencoe Math program](#), [click here](#). For more information about the [Math Common Core Standards adopted in Maine](#), [click here](#).

Grade	DMS Class	Term	PowerSchool CCSS Reporting Standard
6	Math 6	T1	DMS6.MATH.RPA1.1 - Understand ratio concepts and use ratio reasoning to solve problems.
6	Math 6	T1	DMS6.MATH.RPA1.3 - Real-world application of rate and ratio.
6	Math 6	T1	DMS6.NS2- Compute fluently with multi digit numbers and find common facts and multiples
6	Math 6	T1	DMS6.NS3- Apply & extend previous understanding of numbers to the system of rational numbers
6	Math 6	T2	DMS6.NS1- Apply and extend previous understandings of multiplication and division to divide fractions by fractions.
6	Math 6	T2	DMS6.NS2- Compute fluently with multi digit numbers and find common facts and multiples
6	Math 6	T3	DMS6.MATH.EE1 - Algebraic Expressions
6	Math 6	T3	DMS6.MATH.EE2 - Solve One-Variable Equations
6	Math 6	T3	DMS6.MATH.NS3 - Apply and extend previous understandings of numbers to the system of rational numbers.
7	Math 7	T1	DMS7.MATH.NS3 - Apply and extend previous understandings of operations with fractions using complex fraction.
7	Math 7	T1	DMS7.MATH.RPA1 - Analyze proportional relationships and use them to solve real-world and mathematical problems.
7	Math 7	T2	DMS7.MATH.NS1 - Apply and extend previous understandings of addition and subtraction with fractions

7	Math 7	T2	DMS7.MATH.NS2 - Apply and extend previous understandings of multiplication and division with fractions.
7	Math 7	T3	DMS7.MATH.EE1 - Use properties of operations to generate equivalent expressions.
7	Math 7	T3	DMS7.MATH.EE2 - Solve real-life and mathematical problems using numerical and algebraic expressions and equations.
8	Math 8	T1	DMS8.MATH.EE1 - Work with radicals and integer exponents.
8	Math 8	T1	DMS8.MATH.NS1 - Know that there are numbers that are not rational
8	Math 8	T2	DMS8.MATH.EE2 - Understand the connections between proportional relationships
8	Math 8	T2	DMS8.MATH.EE3 - Analyze and solve linear equations and pairs of simultaneous linear equations.
8	Math 8	T3	DMS8.MATH.G2 - Understand and apply the Pythagorean Theorem.
8	Math 8	T3	DMS8.MATH.G3 - Solve real-world and mathematical problems involving volume of cylinders