

The rubrics are designed to help families understand what numbers on a report card mean for each item under the topic in a particular grade level. As a reminder, the goal for mastery of concepts is by the **end** of the school year and grades communicated before the end of the year reflect progress toward that goal for the current reporting period.

Grade 4 Rubric for Mathematics

	4 - Exceeds Expectations	3 - Meets Expectations	2 - Approaching Expectations	1 - Beginning Skills
Number, Operations and Algebra Content and Applications	Student consistently demonstrates understanding of multiplication and division basic facts, including number sentences with unknowns, multiple multi-digit numbers, and uses input-output rules in a variety of real-world mathematical problems.	Student mostly demonstrates understanding of multiplication and division basic facts, including number sentences with unknowns, multiple multi-digit numbers, and uses input-output rules in a variety of real-world mathematical problems.	Student inconsistently demonstrates understanding of multiplication and division basic facts, including number sentences with unknowns, multiple multi-digit numbers, and uses input-output rules in a variety of real-world mathematical problems.	Student rarely demonstrates mastery of multiplication and division basic facts, including number sentences with unknowns, multiple multi-digit numbers, and uses input-output rules in a variety of real-world mathematical problems.
Fractions and Decimals Content and Applications	Student consistently demonstrates mastery of fractions and decimals including comparing, ordering, and adding and subtracting. Students understand the relationship between fractions and decimals in real-world mathematical problems.	Student mostly demonstrates mastery of fractions and decimals including comparing, ordering, and adding and subtracting. Students mostly understand the relationship between fractions and decimals in real-world mathematical problems.	Student inconsistently demonstrates mastery of fractions and decimals including comparing, ordering, and adding and subtracting. Students inconsistently understand the relationship between fractions and decimals in real-world mathematical problems.	Student rarely demonstrates mastery of fractions and decimals including comparing, ordering, and adding and subtracting. Students do not understand the relationship between fractions and decimals in real-world mathematical problems.
Geometry, Data and Measurement Content and Applications	Student consistently names, describes, classifies, sketches, and measures polygons and angles, determines the area of two dimensional figures, and understands transformations, congruency, and symmetry in real-world mathematical situations. Student consistently demonstrates an understanding of data through organizing, interpreting, and displaying data collected over a period of time.	Student mostly names, describes, classifies, sketches, and measures polygons and angles, determines the area of two dimensional figures, and understands transformations, congruency, and symmetry in real-world mathematical situations. Student mostly demonstrates an understanding of data through organizing, interpreting, and displaying data collected over a period of time.	Student inconsistently names, describes, classifies, sketches, and measures polygons and angles, determines the area of two dimensional figures, and understands transformations, congruency, and symmetry in real-world mathematical situations. Student inconsistently demonstrates an understanding of data through organizing, interpreting, and displaying data collected over a period of time.	Student rarely names, describes, classifies, sketches, and measures polygons and angles, determines the area of two dimensional figures, and understands transformations, congruency, and symmetry in real-world mathematical situations. Student rarely demonstrates an understanding of data through organizing, interpreting, and displaying data collected over a period of time.
Participates and Cooperates	Student contributes to discussions and work responsibilities. Student consistently cooperates in groups and demonstrates leadership skills.	Student contributes to discussions and work responsibilities. Student usually cooperates in groups and demonstrates leadership skills.	Student contributes to discussions and work responsibilities when prompted. Student inconsistently cooperates in groups.	Student rarely contributes to discussions and work responsibilities even when prompted. Student needs assistance to cooperate in groups.