

MATH PLACEMENT RUBRICS

The following *Math Placement Rubrics* serve as the screening instrument for the district's above-grade-level math placement evaluation process. The rubrics were developed to capture the performance data and indicators successful accelerated math candidates typically achieve.

GRADES 4 & 5 ADVANCED MATH PLACEMENT RUBRIC

EVALUATION OF STUDENT ACHIEVEMENT AND ABILITY (Requisite Skills)				
ACHIEVEMENT NWEA MAP MATH (SPRING)	99%ile	98 – 97%ile	96 – 95%ile	≤ 94%ile
	10 pts.	8 pts.	6 pts.	0 pts.
ACHIEVEMENT NWEA MAP MATH (WINTER)	99%ile	98 - 97%ile	96 - 95%ile	≤ 94%ile
	10 pts.	8 pts.	6 pts.	0 pts.
ACHIEVEMENT NWEA MAP MATH (FALL)	99%ile	98 - 97%ile	96 - 95%ile	≤ 94%ile
	10 pts.	8 pts.	6 pts.	0 pts.
ACHIEVEMENT OHIO AIR MATH TEST (SPRING)	99%	98 - 97%	96 - 95%	≤ 94%
	5 pts.	3 pts.	1 pt.	0 pts.
COGNITIVE ABILITY COGAT COMPOSITE (SAS) (MOST RECENT)	≥ 128	127 - 120	119 – 110	≤ 109
	10 pts.	8 pts.	6 pt.	0 pts.
QUANTITATIVE REASONING COGAT COMPONENT (SAS) (MOST RECENT)	≥ 128	127 – 120	119 – 110	≤ 109
	10 pts.	8 pts.	6 pts.	0 pts.
SCHOOL PERFORMANCE FACTORS				
CLASSROOM MATH ASSESSMENTS GRADE AVG. QUARTER 1 - 3	A	A-	B+	B
	5 pts.	3 pts.	1 pt.	0 pts.
CLASSROOM MATH PERFORMANCE REPORT CARD GRADE AVG. QUARTER 1 – 3	A	A-	B+	B
	5 pts.	3 pts.	1 pt.	0 pts.

Advanced Math Screening Score Requirement: 45/65

GRADE 6 MATH PLACEMENT RUBRIC
(Transition from 5th to 6th Grade)

EVALUATION OF STUDENT ACHIEVEMENT AND ABILITY (Requisite Skills)						
ACHIEVEMENT NWEA MAP MATH (WINTER)	≥ 98%ile	97 - 95%ile	94 - 90%ile	89 - 85%ile	84 - 80%ile	≤ 79%ile
	10 pts.	8 pts.	6 pts.	4 pts.	2 pts.	0 pts.
ACHIEVEMENT NWEA MAP MATH (FALL)	≥ 98%ile	97 - 95%ile	94 - 90%ile	89 - 85%ile	84 - 80%ile	≤ 79%ile
	10 pts.	8 pts.	6 pts.	4 pts.	2 pts.	0 pts.
ACHIEVEMENT OHIO AIR MATH TEST (SPRING)	Advanced	Accelerated	Proficient	Basic	Limited	N/A
	5 pts.	4 pts.	3 pts.	2 pts.	1 pt.	--
COGNITIVE ABILITY COGAT (SAS) COMPOSITE (MOST RECENT)	≥ 133	132 – 128	127 – 121	120 - 115	114 - 110	≤ 109
	10 pts.	8 pts.	6 pts.	4 pts.	2 pts.	0 pts.
QUANTITATIVE REASONING COGAT (SAS) (MOST RECENT)	≥ 133	132 – 128	127 – 121	120 - 115	114 - 110	≤ 109
	10 pts.	8 pts.	6 pts.	4 pts.	2 pts.	0 pts.
SCHOOL PERFORMANCE FACTORS						
CLASSROOM MATH ASSESSMENTS GRADE AVG. QUARTER 1 & 2	A	A -	B+	B	B -	C
	5 pts.	4 pts.	3 pts.	2 pts.	1 pt.	0 pts.
CLASSROOM MATH PERFORMANCE REPORT CARD AVG. QUARTER 1 & 2	A	A -	B +	B	B -	C
	5 pts.	4 pts.	3 pts.	2 pts.	1 pt.	0 pts.

ACC 7 Screening Score Requirement: 26/55

ACC 6 Screening Score Requirement: 18 - 25/55

Borderline students only – Current Spring MAP Math _____ Previous Year Spring MAP Math _____

TERMS

Ability tests evaluate a student’s potential to succeed in a school setting.

Achievement tests represent the degree to which students have learned specific subject matter content as reflected by the items and norms on the achievement test.

Quantitative Reasoning – Application of mathematical concepts and skills to solve real-world problems.

Standard Age Score (SAS) – A normalized standard score, having a mean of 100 and a standard deviation of 16, which represents a student’s relative level of cognitive development adjusted for age.