

ADVANCED MATH PLACEMENT

Advanced Math Philosophy:

In Arlington Heights District 25, students are typically placed into math at their grade level. Grade level math means students are receiving grade level instruction aligned to the [Illinois Learning Standards](#). Students ready for accelerated instruction at the next grade level are considered for Advanced Math, which begins in fourth-grade. Students in fourth-grade Advanced Math are completing the fifth-grade course, students in fifth-grade Advanced Math are completing the sixth-grade course and so on.

Advanced Math Placement:

All third through seventh-grade students are considered for placement into Advanced Math. The Department of Student Learning reviews the scores from the NWEA Measures of Academic Progress (MAP) Math Assessment and Cognitive Abilities Test (CogAT) to determine the students who will be considered for Advanced Math.

Advanced Math Placement Criteria:

Advanced Math class placement is determined by evaluating the following criteria:

1. [NWEA Math MAP Score](#): Arlington Heights District 25 administers NWEA MAP in winter and spring as a universal screener. For students in third through seventh grade, these tests are used to help determine placement into advanced classes. The higher of the two most recent test results are used.
2. [CogAT Quantitative Score](#): Arlington Heights District 25 administers CogAT in the winter to all third and fifth-grade students as a universal screener. The most recent score is used when considering students for placement into advanced classes. Students new to the district in fourth through seventh-grade will also be administered CogAT in their first year.
3. [Renzulli Scale for Advanced Math](#): Teachers in Arlington Heights District 25 complete the Renzulli Scale for students who score above the 80%ile on the Math MAP and/or above a 130 on the Quantitative CogAT assessment. The Renzulli Scale is used to gather information about the characteristics of students in the classroom. Students who have already qualified based on their performance on MAP and CogAT will not require a Renzulli Scale.
4. [District 25 Advanced Placement Test](#): Arlington Heights District 25 administers the District 25 Advanced Placement Test in spring for students who score above the 80%ile on the Math MAP and/or above a 130 on the Quantitative CogAT assessment. This test measures specific knowledge in the area of math to determine student readiness for advanced placement. Students who have already qualified based on their performance on MAP, CogAT, and/or Renzulli Scale will not require a District 25 Advanced Placement Test.

Advanced Math Placement Matrix:

Qualification for Advanced Math requires a minimum of **6 points** using a combination of the evaluation criteria on the matrix below:

Advanced Math Evaluation Criteria				
Math MAP	98 - 99%ile = 3 points	96 - 97%ile = 2 points	93 - 95%ile = 1 point	Below 93%ile = 0 points
CogAT Quantitative	143 or higher = 3 points	138 - 142 = 2 points	134 - 137 = 1 point	Below 134 = 0 points
Renzulli Scale			Meets Criteria = 1 point	Does Not Meet Criteria = 0 points
District 25 Advanced Placement Test	90 - 100% Correct = 6 points	85 - 89% Correct = 4 points	80 - 84% Correct = 2 points	Below 80% Correct = 0 points
Total:				

For any additional questions, please contact Kristin Williams, Math Coordinator, at kwilliams@sd25.org or 847-228-2069.