



SUPER ACCELERATION

For Middle School Mathematics

ABOUT THE PROGRAM & ELIGIBILITY CRITERIA

Super Acceleration refers to a student advancing in our mathematics program by two years, and is an option for those students who have demonstrated an authentic readiness for such advancement. Eligible students have the opportunity to take Math 7 Accelerated in Grade 6 whereby having the potential to take Algebra I in Grade 7. Although high school credits cannot be awarded to students for high school coursework completed in Grade 7, earning the required high school credits in mathematics beginning in Grade 8 does not pose a challenge for our students. The eligibility criteria stated below must be satisfied in order for students to be considered for super acceleration in mathematics.

RATIONALE

- Enables students, who have demonstrated readiness at the middle school level, to access high school courses.
- Fosters opportunities for students to experience advanced coursework related to STEAM and research throughout their time in high school.

ELIGIBILITY CRITERIA

- The student has exhibited mathematical strengths since elementary school which are noted on the elementary report cards.
 - Consistently achieved 4s on the elementary report cards in mathematics.
 - Remarks in the comment section of the elementary report cards recognize mathematical strengths.
- The student has taken all applicable NYS math assessments and achieved a high Level 4 on each NYS math assessment.
- The student has a 95 or better assessment average in Grade 5 in quarters 1 - 3.
- The student's grades in quarters 1 - 3 in Grade 5 are consistently above 95 in both math and science.
- Teacher feedback, which speaks to the student's ability, academic achievement, and eagerness to take on challenges, supports such advancement in mathematics.
- NWEA MAP Growth score places the student among the top national percentiles.
- The student demonstrates mastery on an in-person departmental exam that is aligned to the NYS Learning Standards and assesses the student's understanding of Math 6 concepts. (Written parental permission required.)

NEXT STEPS & PROCESS

After 5th grade families are notified of the opportunity for super acceleration in mathematics, **action is only needed on the part of a parent/guardian if there is interest and the student's achievements meet the eligibility criteria.** The Super Acceleration Program for Mathematics is not open to self-selection and is purely an option for those students who have consistently exceeded grade-level standards in mathematics. In the event that a student's experience in the program manifests a negative impact on mental health and/or academic performance, the District may change to the student's program to best meet the student's needs.

PROCESS

- Parents and guardians are notified of the opportunity and criteria for super acceleration in mathematics through a districtwide letter that is sent in the spring of their child's 5th grade year.
- If there is interest and the student meets the criteria, a parent or guardian completes the Google Form which includes written permission for his/her child to be evaluated and considered for super acceleration in mathematics.
- The student meets with his/her guidance counselor to discuss his/her level of interest and overall mindset to take on the challenge.
- Teacher feedback is acquired which speaks to the student's ability, academic achievement and eagerness to take on challenges.
- The Chairperson of Mathematics contacts the interested parent or guardian to schedule a date and time for the student to take the departmental exam.
- The parent or guardian is notified, in writing, of the final decision.
- If the student is approved for super acceleration in mathematics, the parent or guardian notifies the Chairperson of Mathematics, in writing, of his/her intent to accept admission into the program within two weeks of being notified.
- Incoming 6th grade students of the Super Acceleration Program in Mathematics are placed into Math 7 Accelerated. Unless a student's pathway is changed due to lack of meeting expectations, the student's anticipated pathway is as follows:
 - Grade 6 → Math 7 Accelerated
 - Grade 7 → Algebra I
 - Grade 8 → Geometry Honors (Student is bused to JFKHS.)

QUESTIONS?

Please call Regina Lee, Chairperson of Mathematics K-12.
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