



# CASE WESTERN RESERVE UNIVERSITY

## Office of Pre-Collegiate Programs

# Math Corps Super Saturdays @ CWRU

**Math Corps Super Saturdays** at CWRU is an 8-week math program for middle and high school students that meets during the winter months. Math Corps believes all children have a special greatness within them and that, through hard work and with the support of a caring community, this greatness can be realized. Together with the Math Corps Summer Camp offered at Cleveland State University, these programs enable students to develop their talents and support each other. All students in grades 7-12 in the greater Cleveland area are eligible for this free program.



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## Program Components

- Math Corps students, teachers, and mentors are committed to helping each other realize their greatness through engaging workshops, morning meetings, and parent-student interactions.
- Mathematics is presented as a universal language that can be appreciated in the abstract and that helps us understand the world.
- Each student receives an individualized lesson plan for performance and progress.
- A learning curriculum which incorporates a growth mindset, peer mentoring, and interpersonal communications to improve competence and achieve growth.
- Discovery and appreciation for the wide applications of mathematical knowledge in careers and education.

## Math Corps Impact

- **17% improvement in diagnostic and summative test scores** by middle school Math Corps participants.
- **12% improvement in diagnostic and summative test scores** by high school Math Corps participants
- **Math Corps observes a 1:3 teacher-to-student ratio**, enabling Math Corps teachers to engage ensure each learner's individualized plan for growth is maximized.



**Learn more about Math Corps @ CWRU**