

WHO IS IMSA?

IMSA (Illinois Mathematics and Science Academy) is an internationally recognized leader in science, technology, engineering and mathematics education. As a teaching and learning laboratory, IMSA offers a uniquely challenging educational and residential experience for students in grades 10–12. IMSA also provides innovative instructional programs that foster imagination and inquiry for all educators and students. 99.5% of IMSA graduates move on to college, and faculty members hold advanced degrees and include Presidential Award winners, National Board of Professional Teaching Standards certified faculty, and distinguished authors and fellowship recipients. IMSA has been named the 2nd best public high school in America.

IMSA Fusion is recognized as a top program in the nation by **Change the Equation: STEMWorks** and as one of the top K–12 STEM Programs in America by the Bayer Corporation.



Quick Facts about IMSA Fusion:

- Research-based with proven results
- Award winning solution
- Lowest cost provider
- Comprehensive, turnkey solution
- 32 hours of instruction per module
- Inquiry-based and problem-centered
- Hands-on STEM
- Integrated and relevant learning activities
- Aligned to standards
- Ideal for your makerspace
- Upper elementary to high school

“ I have learned that students are just as good of teachers (sometimes better) than I am!
Encouraging a more collaborative learning environment is a direct result of the IMSA program. ”

ABOUT IMSA FUSION

IMSA Fusion is a teacher professional development and student STEM enrichment program for students who are talented, interested and motivated in mathematics and science. IMSA Fusion places a special emphasis on students who are historically underrepresented in those areas. IMSA Fusion has the following program goals:

- Maintain or increase student interest, involvement and literacy in science and mathematics.
- Enhance the knowledge and skills of teachers in science, mathematics and technology.
- Stimulate excellence in school science and mathematics programs.
- Help increase access to programming for students who are historically under-resourced in science, mathematics and technology.

PROVEN RESULTS

Student Impact

91%

of teachers and **93%** of principals report an increase in FUSION students' science interest.

87%

of teachers and principals report an increase in FUSION students' math interest.

81%

of FUSION alumni take advanced coursework in math in high school, and attain an average grade of **85%** in these courses.

Teacher Impact

96%

of teachers report that FUSION curriculum is aligned to state standards in both math and science.

84%

of FUSION teachers report use of FUSION instructional skills/resources in their classrooms.

75%

of FUSION principals indicate increased teacher leadership and professional development.