



EMBEDDED PROGRAM

The IMSA FUSION Embedded Program is a STEM enrichment program taught during the school day for Illinois students who are talented, interested and motivated in mathematics and science. IMSA FUSION places a special emphasis on students who are historically underrepresented in these areas. The program provides ongoing professional development and support for the participating Illinois teachers and administrators.

- IMSA FUSION is designed as a STEM enrichment curriculum aligned with Common Core State Standards and Next Generation Science Standards; however, it is not intended to replace current classroom curriculum
- 64 hours of STEM enrichment content
- Two IMSA FUSION curricula taught throughout year
- Program is co-taught
- Each 4th-5th curriculum and kit designed for 20 students
- Each 6th-8th curriculum and kit designed for 30 students
- IMSA FUSION STEM enrichment curriculum is not designed to be graded

Multi-grade Level Option	Single Grade Level Option
<ul style="list-style-type: none"> ○ Schools select curricula to teach each year from a menu of options ○ Each program teaches two curricula per year ○ Facilitators attend POP annually ○ Facilitators attend two 2 day content-based professional development sessions per year 	<ul style="list-style-type: none"> ○ IMSA FUSION team designates curricula for each grade level ○ Each grade level teaches two curricula per year ○ Facilitators will repeat designated curriculum until IMSA FUSION team introduces a new curriculum for specified grade level ○ Every third year, a grade will receive a new curriculum ○ Facilitators attend POP annually ○ Facilitators attend 2 days of content-based professional development per new curriculum

Benefits	Considerations
<ul style="list-style-type: none"> ○ May be used as an elective class ○ More choices for staffing ○ Conflicts for student after school time and safety concerns eliminated ○ Needs for transportation and parent pickup availability eliminated ○ Overall reduction in after school staffing needs 	<ul style="list-style-type: none"> ○ STEM enrichment curriculum ○ 64 hours of enrichment provided ○ Curricula written for multi-grade audience ○ Summative assessments not provided ○ Scheduling of IMSA FUSION time during day ○ Specific program parameters must be approved by IMSA

Please contact Dora Phillips, Director of Statewide Educator Initiatives, with questions. The FUSION staff is eager to help you build the program into your school day!

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