



INTEGRATED MATH PHASE IN

OUR WHY - STUDENTS NEED SOMETHING DIFFERENT

- Math achievement scores need to improve.
- The United States places 38 out of 71 countries in math according to Programme for International Student Assessment.
- HF average SAT math score is 58 points lower than the average for our country.
- HF has an average SAT math scale score of 463, while the Illinois state average is 473.
- Only 25.5% of HF students meet or exceed standards on SAT math.
- HF math achievement associated with race is below the state average.

EVERY STUDENT IS A MATH PERSON

- Integrated math shows positive results worldwide.
- Supporting our students through effective co-teaching teams, modified math intervention and increased rigor with earned honors.
- Coherent curriculum aligned with all courses (freshman - senior year) allows for students to move to and from honors.
- Includes algebra, geometry, and statistics in all courses of the integrated math sequence.

SAME CONCEPTS IN A DIFFERENT ORDER

- Students learn the same mathematical concepts, just in a more natural sequence that reinforces ideas across courses.
- Spiral curriculum includes multiple opportunities to review, reteach and introduce new concepts earlier than in the traditional curriculum.
- Better aligns to SAT with emphasis on algebra, problem-solving and data analysis.
- Eliminates 15-month gap between Algebra 1 and Algebra 2/Trig.

SUPPORTS IN PLACE TO HELP STUDENTS SUCCEED

- Integrated Math I Double Block is a double period of math designed to provide additional time for identified students.
- Co-taught Integrated Math I is a general education class taught for general education students and IEP students with identified math needs.
- All students have access to a math tutoring (before/after school, Saturday mornings in library, Sunday-Thursday evenings virtual).
- All math teachers are available to provide support during Viking Compass.

RESOURCES

- CPM Core Connections: Integrated I, II and III
- Create a coherent curriculum that aligns with all courses from Integrated Math 1 through Integrated Math 3.
- Same resources for Honors, CP, and Double Block.

WANT TO KNOW MORE?

- Mathematics Department Chair Rob White robert.white@hf233.org
- Stop by the Mathematics table at Voyage to Excellence on November 30.
- HF math department website has more details.

2024-25 IMPLEMENTATION

- Algebra 1 replaced with Integrated Math 1, this includes Honors and Double Block
- All math courses beyond Integrated Math 1 will stay the same.
- Students that would have been placed in any Algebra 1 course for the 2024-25 school year will be enrolled in the Integrated Math 1 equivalent course.
- Students enrolled in Integrated Math 1 and Integrated Math 1 Double Block will have the opportunity to earn honors credit.

GRADE 7	GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12
7th Grade Math	8th Grade Math	Integrated Math 1	Geometry	Algebra 2/Trig	Pre-Calculus or AP Statistics
Accelerated Math	Integrated Math 1	Geometry H	Algebra 2/Trig H	Pre-Calculus H/AP	Calculus H, AP Calculus AB, AP Calculus BC, or AP Statistics IB SL Math
Integrated Math 1	HF Geometry H	Algebra 2/Trig H	Pre-Calculus H/AP	Calculus H, AP Calculus AB, AP Calculus BC, or AP Statistics IB SL Math	AP Calculus BC, Advanced Math Topics, IB Math 2, or AP Statistics

2025-26 IMPLEMENTATION

- Geometry replaced with Integrated Math 2, this includes Honors and Double Block.
- All math courses beyond Integrated Math 2 will stay the same.
- Students that would have been placed in any Geometry course for the 2025-26 school year will be enrolled in the Integrated Math 2 equivalent course.
- Students enrolled in Integrated Math 2 and Integrated Math 2 Double Block will have the opportunity to earn honors credit.

GRADE 7	GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12
7th Grade Math	8th Grade Math	Integrated Math 1	Integrated Math 2	Algebra 2/Trig	Pre-Calculus or AP Statistics
Accelerated Math	Integrated Math 1	Integrated Math 2	Algebra 2/Trig H	Pre-Calculus H/AP	Calculus H, AP Calculus AB, AP Calculus BC, or AP Statistics IB SL Math
Integrated Math 1	Integrated Math 2	Algebra 2/Trig H	Pre-Calculus H/AP	Calculus H, AP Calculus AB, AP Calculus BC, or AP Statistics IB SL Math	AP Calculus BC, Advanced Math Topics, IB Math 2, or AP Statistics

2026-27 IMPLEMENTATION

- Algebra 2/Trigonometry replaced with Integrated Math 3, this includes Honors and Double Block.
- Students that would have been placed in any Algebra 2/Trig course for the 2026-27 school year will be enrolled in the Integrated Math 3 equivalent course.
- Students enrolled in Integrated Math 3 and Integrated Math 3 Double Block will have the opportunity to earn honors credit.

GRADE 7	GRADE 8	GRADE 9	GRADE 10	GRADE 11	GRADE 12
7th Grade Math	8th Grade Math	Integrated Math 1	Integrated Math 2	Integrated Math 3	Pre-Calculus or AP Statistics
Accelerated Math	Integrated Math 1	Integrated Math 2	Integrated Math 3	Pre-Calculus H/AP	Calculus H, AP Calculus AB, AP Calculus BC, or AP Statistics IB SL Math
Integrated Math 1	Integrated Math 2	Integrated Math 3	Pre-Calculus H/AP	Calculus H, AP Calculus AB, AP Calculus BC, or AP Statistics IB SL Math	AP Calculus BC, Advanced Math Topics, IB Math 2, or AP Statistics