

The Integrated Math Program

An integrated math program distinguishes itself from a traditional one by integrating math topics into a three-course sequence that “spirals” through algebra, geometry, statistics, and discrete mathematics, revisiting them often as students work through the program. Emphasis is placed on mathematical modeling and applications, as well as teaching students to solve challenging real-world problems. Students are asked to read, reflect, and write about mathematics on a daily basis.

Sanborn uses the Core-Plus Mathematics Program for Integrated Math. This program was developed in partnership by the National Counsel of Teachers of Mathematics (NCTM), the National Science Foundations (NSF), and major Universities and research institutions.

The Traditional Math Program

Sanborn uses the McDougal Littell textbook as a resource for the traditional program for Algebra 1, Geometry, and finally Algebra 2. Teachers regularly integrate mathematical modeling and problem solving as appropriate.

For More Information...

If you would like more specific information about the Sanborn Regional High School math course offerings, please contact one of the following district offices:

Sanborn Regional Middle School:

382-6226

Ellis School:

895-2511

Sanborn Regional High School:

Guidance Department:

642-3600

Brian M. Stack, Curriculum Director:

642-3341

For more information about Integrated Math Programs, please visit the following internet resources:

National Counsel Teachers of Mathematics:

www.nctm.org

National Science Foundation:

www.nsf.org

Core-Plus Integrated Math Program:

www.wmich.edu/cpmp

Sanborn Regional High School

Serving the towns of
Kingston, Newton, and Fremont
New Hampshire



Freshman Math
Course Offerings:

2010-2011

Program Of Studies

The Sanborn Regional High School Mathematics Department offers an honors program and two college and career preparatory programs to meet student needs.

A minimum of three credits is required for graduation, although it is suggested that students take at least four or credits for college admissions. Students are required to complete two math credits in grade 9.

Honors Program:

Freshman in this program take Applications of Algebra as a first course, and Geometry as a second course.

The Integrated Math Program:

Freshman in this program take Integrated Math 1 as a first course, and Integrated Math 2 as a second course.

Traditional Math Program:

Freshman in this program take a year-long 2-credit Algebra 1 course.

Math Fundamentals:

Freshman who do not have the skills necessary to be successful in high school math may be placed into a math foundations course prior to beginning the high school math program.

Suggested Course of Study

Level	Grade 9		Grade 10	Grades 11 and 12		
AP						AP Calculus AB
Honors	Applications of Algebra	Geometry	Algebra 2	Precalculus	Calculus	
CP: Integrated Program	Integrated Math 1 and 2		Integrated Math 3	Algebra 2	Precalculus	
CP: Traditional Program	Algebra 1		Geometry			
Electives	Math Fundamentals (non-leveled)			Problem Solving (CP Level)		
				Statistics (Honors, CP Levels)		
				NECAP Portfolio Planning Class		

