

Questions and Answers about Integrated Math

Question: What is integrated math?

Answer: It is a style of math that *integrates* Algebra, Geometry, Number Quality, Functions, Statistics, and Probability.

Question: When will integrated math be implemented in District 230?

Answer: Integrated Math will be fully implemented on a year by year basis, starting with freshmen, and 8th grade students enrolled in Honors Advanced Algebra, in the Fall of 2016.

Question: Why is D230 transitioning to an integrated math model?

Answer: Research studies have offered much support for the integrated math model. It is aligned to the common core curriculum and the 8 Mathematical Practices.

Question: How will this program align with the feeder schools current math programs?

Answer: All math programs, including integrated math, are common core aligned and focus on the conceptual understanding of math.

Question: Is the "Integrated Math" program a "pilot program" for 4 years or is it fully implemented here forward?

Answer: It will be fully implemented on a year by year basis, starting with freshmen, and 8th grade students enrolled in Honors Advanced Algebra, in the Fall of 2016.

Question: Will the integrated math program for 2016-2017 change the freshman placement test for incoming students?

Answer: D230 is currently reviewing the placement process, but it is believed the placement process will not change significantly.

Question: Will this change how the present 6th graders (2014-15) are taught?

Answer: The feeder schools will continue to follow their Common Core Curriculum.

Question: Are there different levels of Integrated Math 1, 2, and 3 for students in a lower level or are all students mixed together?

Answer: D230 will be offering Integrated Math 1, 2 and 3, Honors Integrated Math 1, 2 and 3, and also Extended Integrated Math 1, 2, and 3. D230 believes these different options will meet the needs of all of students, however, they will review and analyze data on an annual basis.

Question: For students currently in math class a year above their biological age-how will D230 determine the class they will be placed in when they attend a District 230 school?

Answer: If students are in the accelerated program taking the Honors Algebra Semester Exams as 8th graders, they will follow the traditional honors pathway, taking Honors Geometry as Freshmen. When we move to the integrated math model, if students are accelerated into Honors Math 1 as an 8th grader, then they will go into Honors Math 2 as a freshman.

Question: What AP classes are being projected for students for Junior/Senior year?

Answer: D230 will be offering the same AP Math classes as they presently offer. AP Calculus AB and BC, AP Statistics, and AP Computer Science.

Question: Will current District 230 students participate (transition) into integrated math?

Answer: No, current students will not be transitioned to integrated math.

Question: Can you describe what a year of Math I will look like (i.e. is each quarter different Alg Quarter 1, Geometry Quarter 2, etc.)?

Answer: The coursework for Integrated Math 1 will be a meshed curriculum of Algebra and Geometry concepts blended together to enhance the learning.

Question: What happens when students that are accelerated into Honors Geometry are not successful? Will they then go to Math I and repeat?

Answer: D230 does not have a history of such an example. Placement into Honors Geometry is taken very seriously and students in such an example have been successful.

Question: Does integrated math have any impact on someone who is currently a freshman?

Answer: No it does not. Integrated math courses will not be implemented until the Fall of 2016. All students presently attending Andrew, Sandburg, and Stagg High Schools will continue with the traditional math courses until they graduate.

Question: Are students still able to take a math class in Senior year once the integrated math program starts 2016-2017?

Answer: Yes they will be able to take a senior year math class.

Question: What happens to the various levels of honors currently offered today (example: Honors Pre-calculus has levels A, B)?

Answer: D230 will be offering AP Calculus AB and BC for students after successful completion of Honors Integrated Math 3.

Question: How will integrated math classes be accounted for by the common app or college applications?

Answer: The NCAA has already approved Math 1, Math 2, and Math 3 as acceptable courses.

Question: Can an advanced 8th grade student opt to not go into Geometry Honors and instead go into Integrated Math Honors I?

Answer: For the 2015-16 school year, a student may have the opportunity to take Honors Math 1 instead of Honors Geometry.

Question: What happens to students who are in 7th grade now and placed in High Honors? Will they still be able to enter freshman year ('16-'17) in a 2nd year high school math class?

Answer: Yes, current 7th grade students will continue to accelerate as our current 8th grade students are accelerated.

Question: How long are you going to keep the traditional math program?

Answer: The graduating class of 2019 will be the last class to take traditional math courses.

Question: From a private school perspective that follows the traditional curriculum (Pre-algebra 7th grade and Algebra 8th grade), how can we make the transition easier for students?

Answer: If the 7th and 8th grade math curriculum is common core aligned, students will be well prepared for the integrated math curriculum.

Question: Are you planning on getting the students ready for the change that will be happening in 2016-2017 math?

Answer: Yes, we are working with all of our partner schools and we will be inviting them to the same training district teachers attend.

Question: Is the staff going to be prepared and ready to help the students?

Answer: Yes, ongoing professional development is scheduled for D230 staff and partner school staff.

Question: How will technology play a role in the Integrated Math?

Answer: Technology will be used as a tool to enhance the learning.