

Chenery Middle School - 2014
Mathematics Placement Process and Timeline for:
Students entering grades 7 and 8
Geometry placement
Advancing a year in mathematics
Belmont High School Mathematics Course Sequence

Grade 6 entering 7

Grade 6 students are placed into one of two, grade 7 mathematics courses:

Math 7-Compacted: a fast-paced rigorous course covering all of the grade 7 curriculum standards provided in the Common Core Standards (10 units of study) as well as an additional 6 units of study of the grade 8 curriculum standards provided in the Common Core Standards.

Math 7: a traditionally-paced rigorous course covering all of the grade 7 curriculum standards provided in the Common Core Standards.

Students are placed for grade 7 by their current grade 6 teachers based upon the following:

- Course grade
- Quarterly cumulative exams
- Math MCAS history
- Teacher observations: study skills, processing speed, accuracy, and attitude

Grade 7 entering 8

Grade 7 students are placed into one of two, grade 8 mathematics courses:

Algebra 1: a fast-paced rigorous course covering all of the high school level Algebra 1 Common Core standards while incorporating the remaining units of grade 8 curriculum standards not covered in Math 7-Compacted.

Math 8: a traditionally-paced rigorous course covering all of the grade 8 curriculum standards provided in the Common Core Standards.

Students are placed in grade 8 by their current grade 7 teachers in the following manner:

- Algebra 1: for students who have successfully completed Math 7-Compacted
- Math 8: for students who have struggled when completing Math 7-Compacted
- Math 8: for students who have successfully completed Math 7

Placement timeline for all grades:

- By May 16th, parents will receive notification of their student's course placement
- Parents will sign and return the course placement letter by May 23rd
- If a parent has a concern regarding the course placement, the following steps will take place:
 - parent returns the signed placement letter **AND** indicates that he/she will contact the student's teacher to discuss any concerns or questions
 - the parent and teacher will discuss the placement and if they agree upon the placement the process is complete
 - If the teacher changes the recommended placement then he/she will confirm this decision via email to both the Director of Mathematics, Patty Soliozy and the parent
 - If the parent disagrees with the placement they may begin the process for requesting a course placement review by submitting a CMS Course Placement Review form **on or before June 6th**
 - CMS Course Placement Review forms will be available online
- CMS Course Placement Review requests must be submitted to the Director, Patty Soliozy on or before June 6, 2014
- **No CMS Course Placement Review requests will be accepted after June 6, 2014**

Mrs. Soliozy will contact all parents/guardians regarding CMS Course Placement Review before the school year ends.

Advancing a grade level:

There are special circumstances when a student may study and perform mathematics (demonstrating both conceptual understanding and application) well beyond current grade level standards.

- If a student studies mathematics outside of school, and his/her parents or guardians request that the student be provided an opportunity to 'test out' of grade level courses (Math 7-Compacted, Math 8-Compacted, or Algebra 1) the following procedures and timeline shall be followed:

By April 1, 2014:

- Parent or guardian notifies Patty Soliozy, Director of Mathematics, at psoliozy@belmont.k12.ma.us requesting an opportunity to test out of a grade level course and their intention to provide supporting documentation of student learning and progress

By May 1, 2014:

- Parent or guardian provides documentation of the student's current outside of school or additional course of study including: materials used (i.e. textbook, websites etc.), the name and contact information of the course instructor or organization providing the instruction (if applicable), a student notebook containing evidence of course work, assessments, and progress

By May 15, 2014:

- Mrs. Soliozy will contact parents should she have any additional follow up questions or concerns regarding the documented materials and information

First week of June, 2014:

- Students will take the appropriate placement test during the school day

By June 15, 2014:

- Parents will receive test results and placement determination

Geometry at CMS in grade 8

When a student advances through mathematics, placing out of courses, and meets requisite requirements for Geometry they may have an opportunity to study Geometry while still attending CMS. Geometry is a high school level course typically offered freshman or sophomore year.

Students meeting requisite requirements may study Geometry:

- If or when the number of students at CMS needing Geometry reaches a minimum threshold we provide the course at CMS. Students are scheduled into a section of Geometry within their regular schedule.
- If the number of students needing Geometry does not meet a minimum threshold students have the opportunity to take the course at BHS usually during the first block of the day. Parents are responsible for ensuring their student arrives at BHS for the course and then immediately reports to CMS for the remainder of their school day. Parents are responsible for transportation to both schools.
- Late spring or early summer we will have a better understanding of Geometry enrollment and where the course will be offered.

Belmont High School Course Sequence:

The information below shows the typical progression of mathematics courses beginning in grade 9. If a student hopes to advance in a manner not indicated below there may be opportunities to consider enrolling in two mathematics courses in one year. These decisions are made on an individual basis with BHS staff, students, and the Director of Mathematics.

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Grade 9

- Algebra 1
- Geometry (CP and H)

Grade 10

- Algebra 2 (CP and H)
- Geometry (CP and H)

Grade 11

- Algebra 2 (CP and H)
- Pre-Calculus (CP and H)
- Statistics (AP)

Semester Offerings:

- Advanced Algebra
- Trigonometry
- Matrices and Probability
- Surveys, Statistics and Data Analysis

Grade 12

- Pre-Calculus (CP and H)
- Calculus
- Calculus AB (AP)
- Calculus BC (AP)
- Statistics (AP)

- Advanced Math Decision Making

Semester Offerings:

- Advanced Algebra
- Trigonometry
- Matrices and Probability
- Surveys, Statistics and Data Analysis