

District Mathematics 5 year plan

2009-2010

In the area of **Equity**, all teachers will begin to address gaps in achievement expectations for all students.

- Add daily math ACT problems into all freshmen, sophomore, and junior courses
- Revise mathematics WorkKey bell ringers in all freshmen, sophomore, and junior courses
- Revise mathematics timed reading passages in all Math Foundation classes
- Continue Saturday ACT preparation classes with updates based on current year data

In the area of **Teaching and Learning**, all teachers will begin to pursue the successful learning for all students.

- Begin to implement Rtl strategies for all students
- Begin to implement DI strategies in all math courses
- Staff will attend monthly Reading across the Curriculum workshops
- Begin to focus on Honors Academy with emphasis on advancement to AP Calculus.
- Complete the AP course audit

In the area of **Curriculum**, all teachers will implement the local curriculum and use instructional resources that are coherent and reflect state standards and national curriculum recommendations for the senior courses.

- Update College Algebra 2/Trig curriculum based on College Readiness Standards and new textbooks
- Update Geometry curriculum based on College Readiness Standards and new textbooks
- Update ACT preparation curriculum based on Plan scores
- Revision of Algebra 2/Trig Honors curriculum based on College Readiness Standards
- Revision of Algebra 1 curriculum based on College Readiness Standards

In the area of **Assessment**, every teacher will use student assessments that are congruent and aligned in the senior courses.

- Revision of current Algebra 2/Trig benchmark assessments
- Addition of mid-quarter Algebra 2/Trig benchmark assessments

2010-2011

In the area of **Equity**, all teachers will continue to address gaps in achievement expectations for all students.

- Implementation of benchmark assessments in Algebra 1 Honors and Geometry Honors
- Revise daily math ACT problems for all freshmen, sophomore, and junior courses
- Revise mathematics WorkKey bell ringers in all freshmen, sophomore, and junior courses
- Revise mathematics timed reading passages in all Math Foundation classes
- Continue Saturday ACT preparation classes with updates based on current year data

In the area of **Teaching and Learning**, all teachers will continue to pursue the successful learning for all students.

- Implement Rtl strategies for all students
- Implement DI strategies in all math courses
- Implement Reading across the Curriculum strategies in all math courses
- Begin to implement Writing across the Curriculum strategies in all math courses
- Continue to focus on Honors Academy with emphasis on advancement to AP Calculus.
- Complete the AP course audit

In the area of **Curriculum**, teachers will begin to implement curriculum that is focused on relevant and meaningful content.

- Revision of College Algebra 2/Trig curriculum based on College Readiness Standards and new textbook
- Revision of Geometry curriculum based on College Readiness Standards and new textbook
- Update ACT preparation curriculum based on Plan scores

- Update of Algebra 2/Trig curriculum based on College Readiness Standards and textbook

In the area of **Assessment**, every teacher will begin to use formative assessment processes to inform teacher practice and student learning.

- Revision of current Algebra 2/Trig benchmark assessments

2011-2012

In the area of **Equity**, all teachers will continue to address gaps in achievement expectations for all students.

- Implementation of benchmark assessments in Algebra 2/Trig Honors and College Algebra 2/Trig Honors
- Revise daily math ACT problems for all freshmen, sophomore, and junior courses
- Revise mathematics WorkKey bell ringers in all freshmen, sophomore, and junior courses
- Revise mathematics timed reading passages in all Math Foundation classes
- Continue Saturday ACT preparation classes with updates based on current year data

In the area of **Teaching and Learning**, all teachers will continue to pursue the successful learning for all students.

- Implement Rtl strategies for all students
- Implement DI strategies in all math courses
- Implement Reading across the Curriculum strategies in all math courses
- Implement Writing across the Curriculum strategies in all math courses
- Continue to focus on Honors Academy with emphasis on advancement to AP Calculus.
- Complete the AP course audit

In the area of **Curriculum**, teachers will continue to implement curriculum that is focused on relevant and meaningful content.

- Revision of Algebra 2/Trig curriculum based on College Readiness Standards

- Update of Pre Calculus curriculum based on College Readiness Standards and new textbook
- Update of Trig/Advanced Math curriculum based on College Readiness Standards and textbook
- Update ACT preparation curriculum based on Plan scores

In the area of **Assessment**, every teacher will continue to use formative assessment processes to inform teacher practice and student learning.

- Curriculum updates based on ACT results
- Analysis of semester exams and final exams by topic

2012-2013

In the area of **Equity**, all teachers will begin to provide each student access to relevant and meaningful content experiences.

- Revise daily math ACT problems for all freshmen, sophomore, and junior courses
- Revise mathematics WorkKey bell ringers in all freshmen, sophomore, and junior courses
- Revise mathematics timed reading passages in all Math Foundation classes
- Continue Saturday ACT preparation classes with updates based on current year data

In the area of **Teaching and Learning**, all teachers will begin to implement research-informed best practices and uses effective instructional planning and teaching strategies.

- Implement Rtl strategies for all students
- Implement DI strategies in all math courses
- Implement Reading across the Curriculum strategies in all math courses
- Implement Writing across the Curriculum strategies in all math courses
- Continue to focus on Honors Academy with emphasis on advancement to AP Calculus.
- Complete the AP course audit

In the area of **Curriculum**, teachers will continue to implement curriculum that is focused on relevant and meaningful content.

- Revision of Pre Calculus curriculum based on College Readiness Standards
- Revision of Trig/Adv. Math curriculum based on College Readiness Standards
- Update of Algebra 1 Honors curriculum based on College Readiness Standards and textbook
- Update of AP Calculus curriculum based on new textbook
- Update ACT preparation curriculum based on Plan scores

In the area of **Assessment**, every teacher will continue to use formative assessment processes to inform teacher practice and student learning.

- Curriculum updates based on ACT results
- Implement updated semester exams and final exams

2013-2014

In the area of **Equity**, all teachers will continue to provide each student access to relevant and meaningful content experiences.

- Revise daily math ACT problems for all freshmen, sophomore, and junior courses
- Revise mathematics WorkKey bell ringers in all freshmen, sophomore, and junior courses
- Revise mathematics timed reading passages in all Math Foundation classes
- Continue Saturday ACT preparation classes with updates based on current year data

In the area of **Teaching and Learning**, all teachers will continue to implement research-informed best practices and uses effective instructional planning and teaching strategies.

- Implement Rtl strategies for all students
- Implement DI strategies in all math courses
- Implement Reading across the Curriculum strategies in all math courses
- Implement Writing across the Curriculum strategies in all math courses

- Continue to focus on Honors Academy with emphasis on advancement to AP Calculus.
- Complete the AP course audit

In the area of ***Curriculum***, teachers will continue to implement curriculum that is focused on relevant and meaningful content.

- Revision of Algebra 1 Honors curriculum based on College Readiness Standards
- Revision of AP Calculus curriculum
- Update of Algebra 1 curriculum based on College Readiness Standards and textbook
- Update of Geometry Honors curriculum based on College Readiness Standards and new textbook
- Update of Algebra 2/Trig Honors curriculum based on College Readiness Standards and new textbook
- Update ACT preparation curriculum based on Plan scores

In the area of ***Assessment***, every teacher will continue to use formative assessment processes to inform teacher practice and student learning.

- Curriculum updates based on ACT results