Greenfield Public Schools
Greenfield High School
School Improvement Plan 2016 - 19

Introduction

Greenfield High School is an 8th through 12th grade high school. All students receive core academics in math, English, history, and science, and required course work in physical education and health. Elective classes are available in Art, Woodshop, Music, Culinary, Computer Programming, Film Production, French and Spanish. Our Program of Studies has innovative, exciting, and challenging courses. We continue to increase the number of students taking AP classes and expand our AP offerings. We have also added several ways that a student can accelerate their studies by offering the following unique opportunities: taking college courses at Greenfield Community College, exploring in-depth a subject of choice through mentoring and independent study opportunities, or taking an online course.

Greenfield High School is committed to creating a learning environment where all members work independently and collaboratively to prepare for success in the 21st century. The program of studies builds confidence, encourages curiosity, and enhances students' perseverance in achieving their goals. The school community promotes integrity, nurtures compassion, and develops respect for diversity.

Beliefs
- All students can learn, succeed, and create.
- A safe and supportive environment is necessary for students to take academic risks.
- Meaningful connections to students' lives create effective learning.
- Varied instructional methods and assessments engage the greatest number of students.
- Families and the larger community can contribute to the enrichment and well-being of students.
- Informed members of society are grounded in knowledge of the past and the ideals of democracy.

Goal I - Improve Academic Achievement: Greenfield High School will use team planning and department meeting time to increase student learning in core academic subjects by making meaningful improvements to the quality of instruction in support of school-wide achievement goals

Objectives	Key Actions	Measures of Success	Timeline
Objective 1: All students will make strong continual progress toward proficiency and excellence in ELA and mathematics.	Implement the following best practices: ● Post essential questions ● Post daily agenda ● Each class will begin with a "Do Now" ● Continue with a strong focus on student engagement ● Conclude lessons with student reflection. -8th Grade Academy will implement three MAP testing sessions in ELA and math for all students. From this data, goal gain scores will be set for students from fall to spring. Faculty will look at the gain targets in the fall and set a goal for the percentage of students that will hit their target in the spring. This percent will then be increased for subsequent years. -All staff will conduct pre and post assessments in order to demonstrate proficiency in content area vocabulary.	**Measure 1** (Internal): By spring 2019, MAP reading scores will be 75% proficient or above on the Growth Index. **Measure 2** (Internal): By Spring 2019, the MAP math scores will be 65% proficient or above on the Growth Index. **Measure 3** (Internal): By Spring 2019, 75% of all students will demonstrate proficiency in content area vocabulary.	2016-2019

Objective 2: Staff will continue to collect and use data to identify students' academic strengths and weaknesses and develop academic plans that address each student's needs.	Conduct data analysis of MCAS and/or PARCC results from previous Spring to understand overall academic strengths and gaps. Administer Northwest Evaluation Association (NWEA) MAP (Measure of Academic Progress) in Math and Reading three times per year to monitor growth and adjust instruction. Use MAP results to develop targeted groups in ELA and Math for small-group instruction during academic periods.	**Measure 1:** Analyze overall SGP, CPI and PPI to identify growth and areas needing additional attention. **Measure 2:** Provide pre and post-assessments in each group to measure progress. **Measure 3:** (Internal): By spring 2019, individual student goals on the MAP assessment in ELA will have been set and met.	2016-2019
Objective 3: Staff will continue to learn and implement best instructional practices in order to improve academic growth**.**	Continue to provide professional development to support implementation of best practices.	**Measure 1:** Administration will visit classrooms regularly to observe for evidence of best practices. **Measure 2:** Receive assessments following each PD session in order to gauge effectiveness of training	2016-2019
Objective 4: Staff will continue to learn and implement best instructional reading practices in order to improve reading levels of students**.**	Below-grade reading level students will be identified and enrolled in a reading intervention class taught be a Reading Specialist.	**Measure 1:** Analyze overall student reading data (MAP, PARCC, etc.) to identify need for additional intervention. **Measure 2:** Provide pre and post-assessments in each group to measure reading progress and growth	Throughout 2016 and revisited at EOY each year through 2019

Goal II – Build a Professional Collaborative Culture to Improve Student Achievement: Greenfield High School will continue using team planning, staff meetings, and professional development time, to build a professional culture of teacher leadership and collaboration focused on strengthening instructional practice and meeting school-wide achievement goals.

Objectives	Key Actions	Measures of Success	Timeline
Objective 1: Administrative team supports a community where faculty, staff, and administrators regularly engage in professional development, and data-driven analysis and planning to improve student learning.	Weekly team meeting will be used to discuss best practices, analyze data, review student progress, and implement actions necessary to improve student achievement.	**Measure 1:** Notes will be collected from each meeting to reflect progress.	2016-2019
Objective 2: Teacher teams will meet weekly to discuss and analyze student work and data for the purpose of setting high standards, assessing student learning, and strengthening the use of school-wide instructional practices.	Meetings will use established protocols to create and follow agendas, and monitor overall progress.	**Measure 1:** Agendas and related minutes from all team meetings will be submitted to the Administrative Team that reflects how that meeting's time is devoted to curriculum development and improving classroom instruction.	2016-2019
Objective 3: Book study groups will be implemented that support teachers in addressing students' needs and the GHS academic focus. These book studies will include either on-line or face-to-face discussion.	Identify books and/or parts of books to be discussed, and organize groups.	**Measure 1:** By fall 2019, 80% of the teaching staff will have participated in a scheduled book study. Participants will engage in discussions and submit a one-page paper reflecting on the implications for the teaching practice based on the readings/discussions.	2016-2019

Goal III: **Parent Involvement to Support Student Learning and Achievement: Greenfield High School staff will continue to increase communication to parents/guardians, and continue to provide opportunities for parent involvement and support.**

Objectives	Key Actions	Measures of Success	Timeline
Objective 1: Greenfield High School administration, teachers, and staff will continue to provide parents and community members information on school activities, student achievement and accomplishments, school calendar, and ways to be involved in the Greenfield High School community.	Post information on the district website including calendar, principal letters, announcements, school newsletters, etc. Continue to hold Open House at the beginning of each School Year. Utilize Connect Ed ~~is~~ to communicate with parents Meet with parents during parent conferences and when it is requested Solicit parents and community members to be volunteers Create a School Council to include parents and community members.	**Measure 1:** Parent Sign In Lists **Measure 2:** Documents sent home and posted on the district website **Measure 3:** Videos and pictures from assemblies, celebrations, and school activities **Measure 4:** Letters to families and community members **Measure 5:** School Council minutes and notes	2016-2019

Objective 2: Greenfield High School administration, teachers, and staff will continue to reach out to students and their families to ensure access to technology and educational resources.	Make Accelerated Reader and Carnegie Math available to families to use outside of school hours. Purchase technology tools to support learning, student engagement, demonstration of academic achievement including recorders, digital video cameras. flip videos, Chromebooks, and iPads providing access to all students.	**Measure 1:** Monitor and document use of the school library and computer lab use. **Measure 2:** Records and communications that demonstrate parent outreach	2016-2019

Goal IV: **Use Technology to Improve Student Achievement: Greenfield High School will use technology to enhance learning, engage students, and improve student achievement.**

Objectives	Key Actions	Measures of Success	Timeline
Objective 1: Greenfield High School teachers and staff will use computer based programs to support learning, engage students, and improve student achievement.	-Accelerated Reader and Streaming Discovery Education are used with students. -Carnegie Math on-line program is used with students. -NWEA Map computer adaptive assessment is administered 3 times a year to monitor student progress and focus instruction to address student needs	Improved academic achievement in reading and mathematics for all students using Accelerated Reader and Carnegie Math computer programs. Full implementation of NWEA MAP assessments. Teachers will analyze student data 3 times a year to monitor student progress and classroom instruction.	2016-2019
Objective 2: Greenfield High School teachers and staff will use web-based interactive tools to support learning, engage students, and improve student learning.	Teachers utilize SMART Board Hand-held response systems are available for teacher Computer centers support student learning in all curriculum areas	Improved academic achievement for all students Improved student engagement and motivation as evidenced through classroom observations and analysis of student data (discipline data, health office visits, absenteeism, classroom engagement)	2016-2019

	Purchase of another set of Chrome Books for use in the classroom as a mobile lab		

Objective 3: Greenfield High School teachers and staff will participate in professional development on technology and web based tools for to use in the classroom.	Provide in-district professional development and staff attendance at conferences and online trainings on: ● Use of web-base tools ● SmartBoard applications ● NWEA MAP assessment implementation and instructional resources ● Student Response Systems ● Integrating technology into the curriculum ● Assistive technology ● OnCourse Lesson Planning	Technology professional development documented by: ● Professional Development Calendars ● In-district Professional Development ● Conference Participation Certificates ● Agendas from Grade Level and Faculty Meetings ● Online Professional Development ● Shared lesson plans	2016-2019