



SCHOOL IMPROVEMENT PLAN

2016-2017

Wahconah Regional High School

ASSESSMENT DATA

	2015	2016	2016		
	<u>(Adv/Prof)</u>	<u>(Adv/Prof)</u>	<u>(State)</u>	<u>CPI</u>	<u>SGP</u>
ELA	92	96	91	98.9	49.5
Math	79	81	78	92.1	50.0
Science	83	87	73	95.7	N/A

CPI - All groups (districts, schools, and subgroups) are expected to halve the distance between their level of performance in 2011 and proficiency by the year 2017.

SGP - A student growth percentile measures student progress by comparing one student's progress to the progress of other students with similar MCAS performance histories.

AP DATA

*% of students with qualifying scores of 3, 4, or 5
(** = new course)*

<u>Course</u>	<u>2015</u>	<u>2016</u>
Biology	86%	58%
Calculus AB	71%	80%
Calculus BC (VHS)	N/A	100%
Chemistry	73%	75%
Eng. (Lang/Comp)	63%	94%
Eng. (Lit/Comp)	78%	74%
Macroeconomics	62%	15%

AP DATA

*(** = new course in 2016)*

<u>Course</u>	<u>2015</u>	<u>2016</u>
**Music Theory	N/A	43%
Physics 1	25%	22%
Statistics	46%	54%
**US Gov't	N/A	2%
US Hist.	64%	17%

- 7 AP courses have been added in last 3 years
- Expanded student enrollment to increase exposure to AP experience (far more students taking AP than 3 years ago)
- AP Gov't & Econ were piloted as an every other day model to allow maximum number of students to take it; data analysis and student feedback indicated that this approach should not be followed in FY17

COURSE OFFERING CHANGES

- Robotics and Video Game Design
- Reinstated Drama course
- Biology now taught to all 9th grade students (MCAS at end of year)
- Honors Economics
 - replaces AP Macroeconomics
- Movement of US History II from 10th to 11th grade
 - Currently all 10th/11th grade taking Modern World History
- Increased amount of cross-curricular work between English and Social Studies departments

STUDENT ACHIEVEMENT

Goal:

- To increase MCAS performance of the high needs sub-group in math.
- To narrow overall MCAS performance gaps in ELA and Science.

Focus Areas:

1. Work with Math Content Coordinator to analyze MCAS results pertaining to the high needs sub group.

STUDENT ACHIEVEMENT

Focus Areas (con't)

2. Administration, Content Coordinators, and Director of Student Services will observe and critique co-teaching practices for the purpose of improving instruction.
3. All core content departments will utilize the Collaborative Inquiry Protocol to analyze student performance data in order to inform instruction.
4. Administration will work with liaisons and Director of Student Services to ensure that all MCAS Alts. are complete and accurate.

CONTENT AREAS

Goal:

- To explore the possibility of further expanding AP course offerings at Wahconah for the 2017-18 school year.
- To analyze AP student performance data to inform instructional changes and address student needs
- To actively seek out and enroll AP teachers in College Board certified training

Focus Areas:

1. Consult with Modern & Classical Languages department and AP Coordinator to explore the possibility of adding AP French and AP Spanish.

CONTENT AREAS

2. Consult with the Math & Business Tech department and AP Coordinator to explore the possibility of adding AP Computer Science.
3. Survey students to gauge interest in AP Spanish, French, and Computer Science.
4. Engage in the Collaborative Inquiry Protocol with all AP teachers in order to better inform instruction.
5. Work with appropriate Content Coordinators to assist AP teachers in locating and enrolling in College Board certified AP training.

SCHOOL CLIMATE

Goal:

- To continue to identify remaining barriers and initiate improvement steps that increase access to general education for and inclusion of all students.

Focus Areas:

1. Work with Special Education teachers to identify remaining barriers to inclusive practices for all students.
2. Research resources that can help reduce remaining barriers (technological, instructional methodologies, Universal Design).
3. Work with liaisons and Special Services department to develop independence goals for students on IEPs.

SCHOOL CLIMATE

4. Administration will work with the Athletic Director and the MIAA to explore the possibility of forming a Unified Track and Field team.
5. Administration will provide continued support for Wahconah's new chapter of Best Buddies.
6. Administration will continue to work to promote gender and sexuality awareness in order to find solutions to the concerns of LGBTQ students.
7. Advisory committee focusing on how students start their day and importance of homeroom.
8. Asst. Principal conducting group "check-ins" with students.

SAFETY

Goal:

- To initiate a new emergency procedure during morning drop-off.
- To initiate an updated School Relocation and Reunification plan.

Focus Areas:

1. Work with MSP, DPD, and SEPC to identify areas of strength and areas for improvement for upcoming year.
2. Work with MSP, DPD and SEPC to plan for and implement a morning drop-off emergency response drill.
3. Work with MSP, DPD and SEPC to plan for and implement a school relocation and reunification drill.