

# Madison High School Annual Education Report

March 1, 2017

Dear Parents and Community Members:

We are pleased to present you with the Annual Education Report (AER) which provides key information on the 2015-16 educational progress for Madison High School. The AER addresses the complex reporting information required by federal and state laws. The school's report contains information about student assessment, accountability, and teacher quality. If you have any questions about the AER, please contact Mrs. Kristin Thomas for assistance.

The AER is available for you to review electronically by visiting the following web site [www.madisonk12.us/state-and-federal-compliancy](http://www.madisonk12.us/state-and-federal-compliancy), or you may review a copy in the main office at your child's school.

Madison High School has identified key challenges in the upcoming year through its School Improvement Process. As a School Improvement Team, goals in the area of Reading, Mathematics, Science, Social Studies, and Writing have been written. While our goals are written to improve performance of all students, specific strategies have been developed to address our lowest performing sub-groups. Those sub groups are students who are Economically Disadvantaged and Students with Disabilities, as well as, students whose performance is in the bottom 30% of all students. Based on our 2015-2016 Scorecard, Students with Disabilities and Hispanic students are the sub groups showing the largest amount of improvement in Reading, Mathematics, and Science. The sub-groups that present the greatest challenges are our students in the Bottom 30% in Mathematics, Science, Social Studies, and Writing.

Strategies to accelerate student achievement and close persistent gaps of achievement at the high school level include a focus on curriculum development and alignment, literacy and writing in the core-content areas, in addition to, strengthening problem solving and inquiry skills in Science and Mathematics.

During the 2015-2016 our focus was on planning units collaboratively using the Understanding by Design (UbD) model. In addition, we are working on strengthening our formative assessments and continuing to be intentional about implementing the gradual release of responsibility model within every classroom to enable students to become independent learners. Explicit vocabulary instruction, quality questioning techniques, response to text, and level 3 Depth of Knowledge tasks are all key initiatives being undertaken throughout our entire district. For next year, UbD units will continue to include questioning and differentiation strategies.

State law requires that we also report additional information. This information is outlined below.

### **Process for assigning pupils to the school**

Madison Schools accepts School of Choice students in addition to students who live in the district. Non-resident students, wishing to enroll, may pick up an application for School of Choice from the District Central Office.

Applications for the 2015 – 2016 school year were accepted through September 11, 2015. All students are placed in the least restrictive environment in the Michigan Merit Core academic curriculum. An individualized plan is put in place to ensure that students with special needs have access to learning opportunities. Accommodations are made so that all students can be successful.

### **School Improvement**

In 2015-2016, the HS School Improvement Team identified goals to improve upon in the areas Science, Social Studies, Reading, Writing, and Mathematics. Within each goal area, strategies that target Planning and Preparation, Instruction and Learning, Monitoring, Assessment, & Follow-Up have been developed. Each goal will have similar strategies. The strategies are Understanding by Design, Gradual Release of Responsibility, Response to Text and Level 3 Depth of Knowledge tasks. Our faculty will have ongoing, embedded professional development as we implement these strategies. Principals will monitor the implementation and coach faculty throughout the year. In addition to this coaching, our professional development, including our bi-weekly department level meetings, and our staff meetings will all focus on the advancement of our school improvement goals. The goals were continued into the 2016-2017 school year.

For this current academic year, our school-wide strategies included a continued emphasis on the development of a well-documented curriculum. We built on last year's professional development series titled "Understanding by Design". This series progressed to include the gradual release process and in-depth questioning strategies. To this end, our curriculum now includes a multitude of opportunities for performance based assessment.

~~In 2011-2012, the High School Improvement Team identified goals to improve upon in the areas of Curriculum Development & Unit Design, Academic Literacy, Mathematics, and the use of Instructional Technology.— Furthermore, HS School Improvement Team reviewed our students' academic performance to identify school improvement goal areas. School Improvement Goals were written in the areas of Reading, Mathematics, Science, Social Studies, and Writing. Strategies and activities will be implemented to address these goal areas while continuing to support our efforts to increase parent involvement, equip our students with 21<sup>st</sup> Century Skills, and foster student leadership. The High School will be the only school in Lenawee County to offer a Project Lead The Way Biomedical Sciences Program. Students in high school will have the opportunity to enroll in Biomedical courses that can link students to opportunities at the LISD Tech Center and a variety of Dual-Enrollment Opportunities.—~~

~~The High School applied for and received Innovative Secondary Schools Initiative Grant money to provide additional resources for content teams of teachers to work on curriculum units written under the principles of Understanding by Design. the PLTW BioMed Program. These resources included netbooks, Ti-Nspire-calculators, and a variety of scientific probes. These resources will also supplement efforts in Mathematics and Science.~~

~~In 2015-2016, Madison High School was one of a few schools in Lenawee County to offer a Project Lead the Way Biomedical Sciences Program. In 2013-2014, students were able to enroll in the first course, Intro to Biomedical Sciences. In 2014-2015, the 2<sup>nd</sup> course in the Biomedical Science Curriculum, *Human Body Systems and Anatomy*, was offered. The 3<sup>rd</sup> course, Medical Interventions, was offered to students beginning in the 2015-2016 school year. Students in high school that enroll in Biomedical courses have the opportunity to link these experiences to opportunities at the LISD Tech Center and a variety of Dual-Enrollment Opportunities.~~

**2015-16**

## **2011-12 Specialized Schools Annual Report**

Students of the Madison School District receive special education services through the Lenawee Intermediate School District (LISD). In addition to the specialized schools, students receive diagnostic testing, school psychology, school social work, physical and occupational therapy, career technical education, special needs training and speech pathology services.

The Lenawee Intermediate School District provides educational services to students from birth through age 26 who have severe handicaps. Students with severe physical, mental, emotional or sensory impairments may receive their educational program at a classroom operated by the LISD. One hundred Seventy-Seven (177) students from the Madison School District attended LISD classroom programs during the 2015-16 school year.

The LISD operates the Laura Haviland Program for elementary, middle and high school students with severe emotional and behavioral impairments. Students from the Madison Middle/High School attended Laura Haviland during the 2015-16 school year.

In cooperation with the Lenawee County Probate Court, the LISD operates the juvenile education program housed at the Maurice Spear Campus.

LISD operates special education classrooms in local districts including classrooms for students with physical impairments or other health impairments at Adrian 7/8 and hearing impairments in Madison. Classrooms for students with cognitive

impairments are located in Tecumseh and Adrian. Students from the Madison School District attended these programs during the 2015-16 school year.

The LISD PREP Academy provides educational programs for teen parents from Lenawee County. During the student's instructional program, childcare support is provided. At the beginning of the school year, five students from the Madison School District attended the LISD PREP Academy, and students were attending at the end of the 2015-16 school year.

The LISD TECH Center offers career technical education programs for high school sophomores, juniors and seniors. One hundred sixty-three (163) students from the Madison School District attended the LISD TECH Center or participated in the co-op/work experience program during 2015-16. This represents 75% of the junior and senior population for this school district.

The most recent follow-up of LISD TECH Center students (a 2010 study of 2009 graduates) showed 69.1% were continuing their education. Of those continuing their education, 68.5% were continuing in a field related to their LISD TECH Center program. In addition, 74.2% were working (full-time or part-time) with 11 reporting they were seeking employment. Of those working full-time, 58.3% were in a field related to their LISD TECH Center program.

Local districts operate special education classrooms open to students from other districts. The Sand Creek School District has placed students within the Madison High School Mildly Cognitive Impaired program for the 2015-16 school year.

### **2012-13 Specialized Schools Annual Report**

~~The students of Madison High School receive special education services through the Lenawee Intermediate School District (LISD). In addition to the specialized schools, students receive diagnostic testing, school psychology, school social work, physical and occupational therapy, career technical education, special needs training and speech pathology services.~~

~~The Lenawee Intermediate School District provides educational services to students from birth through age 26 who have severe handicaps. Students with severe physical, mental, emotional or sensory impairments may receive their educational program at a classroom operated by the LISD. Four students from Madison High School attended LISD classroom programs during the 2012-13 school year.~~

~~The LISD operates the Laura Haviland Program for elementary, middle and high school students with severe emotional and behavioral impairments. No students from Madison High School attended Laura Haviland during the 2012-13 school year.~~

~~In cooperation with the Lenawee County Probate Court, the LISD operates the juvenile education program housed at the Maurice Spear Campus.~~

~~LISD operates special education classrooms in local districts including classrooms for students with physical or other health impairments and hearing impairments in Madison; and classrooms for students with cognitive impairments in Tecumseh and Adrian. One students from Madison High School attended these programs during the 2012-13 school year.~~

~~The LISD PREP Academy provides educational programs for teen parents from Lenawee County. During the student's instructional program, childcare support is provided. Seven students from Madison High School attended the LISD PREP Academy during the 2012-13 school year.~~

~~The LISD TECH Center offers career technical education programs for high school juniors and seniors. 63 students from Madison High School attended the LISD TECH Center or participated in the co-op/work experience program during 2012-13. This equals 34.8% of the junior and senior population for this school district.~~

### **Core Curriculum**

~~In 2015-16, In 2011-2012 the High School curriculum was based on the Michigan Merit Curriculum and High School Content Expectations (HSCE's), as well as, the College Readiness Benchmarks. These expectations can be accessed at the Michigan Department of Education website:~~

~~<http://www.michigan.gov/mde/0,1607,7-140-38924---,00.html>~~

~~In 2012-2013 the High School curriculum was based on the Michigan Merit Curriculum, the High School Content Expectations, as well as, the Common Core Standards and Benchmarks.~~

~~These expectations can be accessed at the Michigan Department of Education website:~~

~~<http://www.michigan.gov/mde/0,1607,7-140-38924---,00.html>~~

### **Local Assessments**

In addition to the Michigan Merit Exam, Madison High School students were assessed with the following assessment tools in the 2015-2016 school year:

PSAT 8/9 and PSAT 10– All ninth grade students took the PSAT 8/9 in April 2016. Likewise, all tenth grade students took the PSAT 10 in April 2016. The PSAT 8/9 and PSAT 10 test results are used to predict student performance on the SAT, as well as, identify student performance in relation to the College and Career

Readiness Benchmarks in the areas of Evidence Based Reading and Writing (EBRW) and Mathematics. PSAT 8/9 and PSAT 10 scores and data are below.

### 9<sup>th</sup> Grade

<u>Subject Area Tested</u>	<u>National Average</u>	<u>State Average</u>	<u>2015-16 Avg</u>
<b>Evidence-Based Reading &amp; Writing (EBRW)</b>			445 (66% met EBRW CCR Benchmark)
<b>Mathematics</b>			435 (42% met Math CCR Benchmark)
<b>Composite</b>	870	870	879 (38% met both CCR Benchmarks)

<b>Subject Area Tested</b>	<b>National Average<sup>*2011-12</sup></b>	<b>2012-2013 Average</b>	<b>2011-2012 Average</b>	<b>2010-2011 Average</b>
<b>English</b>	16.2	15.9	16.0	15.6
<b>Mathematics</b>	17.6	16.4	17.0	17.4
<b>Reading</b>	16.7	16	16.5	16.6
<b>Science</b>	17.8	17.4	18.3	17.8
<b>Composite</b>	17.2	16.6	17.0	17.0

<b>Subject Area Tested</b>	<b>National Average<sup>*2011-12</sup></b>	<b>2012-2013 Average</b>	<b>2011-2012 Average</b>	<b>2010-2011 Average</b>	<b>2009-2010 Average</b>	<b>2008-2009 Average</b>
<b>English</b>	16.4	17.6	16.9	16.5	15.7	15.4
<b>Mathematics</b>	17.9	18.2	18.4	17.8	16.5	16.6
<b>Reading</b>	16.9	17.6	17.7	17.5	16.5	16.1
<b>Science</b>	18	19.1	19.2	18.3	17.7	17.9
<b>Composite</b>	17.2	18.2	18.2	17.6	16.7	16.6

### 10<sup>th</sup> Grade

<u>Subject Area Tested</u>	<u>National Average</u>	<u>State Average</u>	<u>2015-16 Avg</u>
<b>Evidence-Based Reading &amp; Writing (EBRW)</b>			460 (61% met EBRW CCR Benchmark)
<b>Mathematics</b>			450 (39% met Math CCR Benchmark)
<b>Composite</b>	937	920	909 (34% met both CCR Benchmarks)

### **Parent – Teacher Conferences**

At the high school, 55% of students were represented by a parent at the Fall 2015 Parent-Teacher Conferences and 45% of students were represented by a parent at the Spring 2016 Parent-Teacher Conferences.

### **Dual-Enrollment**

#### **Number of Students enrolled in Extended Learning Opportunities and Information about Educational Development Plans (EDP)**

**Year:2015-2016**

<b>Number of Students in Building by grade</b>	<b># of Advanced Placement Courses taken</b>	<b># of Students in Dual Enrollment</b>	<b># of Students who earned credit through Dual-Enrollment</b>	<b># of Students in CTE/Vocational Classes</b>	<b>Number of Students who have approved/reviewed EDP on file*</b>
9	1	0	0	0	100%
10	8	0	0	6	100%
11	7	3	3	69	100%

12	28	11	11	78	100%
<b>Total</b>	<b>44</b>	<b>14</b>	<b>14</b>	<b>153</b>	<b>100%</b>

## Advanced Placement

### Breakdown of Advanced Placement Scores: 2015-2016

\*S score a 4 or

5

are awarded credit. S score a 3 may earn credit.

#### AP Biology

Score	5	4	3	2	1	Average Score 2015-2016 2.8
<b>Total Students</b>	<b>0</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>0</b>	(3.1 <i>i</i> <i>n</i> 14-15 2.7 <i>i</i> <i>n</i> 13-14 2.9 <i>i</i> <i>n</i> 12-13 1.83 <i>i</i> <i>n</i> 11-12 1.7 in 10-11 1.889 <i>i</i> <i>n</i> 09-10 1.722 <i>i</i> <i>n</i> 08-09)

#### AP Calculus

Score	5	4	3	2	1	Average Score 2015-2016 2.18
<b>Total Students</b>	<b>1</b>	<b>1</b>	<b>2</b>	<b>2</b>	<b>5</b>	(1.5 <i>i</i> <i>n</i> 14-15 1.9 <i>i</i> <i>n</i> 13-14 2.33 <i>i</i> <i>n</i> 12-13 2.64 <i>i</i> <i>n</i> 11-12 1.444 <i>i</i> <i>n</i> 10-11)



						<b>2.182</b> <i>i</i> <b>n 09-10 1.611</b> <i>i</i> <b>n 08-09)</b>
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**AP English Literature & Composition**

Score	5	4	3	2	1	Average Score 2015-2016 2.58
Total Students		1	5	6	0	<i>i</i> (2.7 <i>n 14-15</i> 3.3 <i>i</i> <i>n 13-14</i> 2.7 <i>i</i> <i>n 12-13</i> 3.00 <i>i</i> <i>n 11-12</i> 2.467 <i>i</i> <i>n 10-11</i> 2.7 <i>i</i> <i>n 09-10</i> 3.4 <i>i</i> <i>n 08-09)</i>

**AP World History**

Score	5	4	3	2	1	Average Score 2015-2016 4.3
Total Students	2	0	1	0	0	(2.8 in 14-15 3.4 in 13-14 3.17 in 12-13 2.17 in 11-12 3.0 <i>i</i> <i>n 10-11)</i>

**AP US History**

<b>Score</b>	<b>5</b>	<b>4</b>	<b>3</b>	<b>2</b>	<b>1</b>	<b>Average Score 2015-2016 2.4</b>
<b>Total Student s</b>	<b>0</b>	<b>3</b>	<b>0</b>	<b>4</b>	<b>2</b>	<i>i</i> <b>(2.7</b> <i>n 14-15</i> <b>2.1</b> <i>i</i> <i>n 13-14</i> <b>2.47</b> <i>i</i> <b>n 12-13)</b>

### **Special Programs** **Drama**

The 2015-16 musical, *25<sup>th</sup> Annual Putnam County Spelling Bee*, was performed in the Madison Performing Arts Center. The cast featured Madison students in grades nine through twelve and was under the direction of Mrs. Erin Pifer. In the spring, the HS Drama Club presented 3 short plays, *The Lottery*, *The Girl That Turned Blue*, and *The Monsters are Due on Maple Street (Twilight Zone)* under the direction of Ms. Robynn Wolf. In addition to the musical and the play, high school students have many opportunities to be involved in the Performing Arts Club.

### **Instrumental Music**

In addition to performing locally, our High School Band program competes in the state sponsored Michigan School Band and Orchestra Association events throughout the school year. Several of our HS Band students participated and earned recognition at the State Sole & Ensemble Competitions. The HS Band earned a division 2 rating at the state Concert Band Festival. Our Orchestra Program is in its infancy, but we are very pleased with the number of students participating in the Orchestra. We anticipate a HS Orchestra will be established by the 2017-2018 school year.

### **Interact**

The Interact club is a high school service club sponsored by the Adrian Morning Rotary. Interact students participate in numerous service activities which included providing food for needy families during the holiday season, cleaning a local homeless shelter, serving food at a local soup kitchen, volunteering to work at Special Olympics, and sponsoring a dance for cognitively impaired students in Lenawee County.

### **Math Equations**

There was one high school team that took part in the county Math Equations program. Students practiced on a regular basis throughout the year and competed in monthly county tournaments. This was the eleventh year for a formal high school team in competition.

### **National Honor Society**

The National Honor Society held its annual induction ceremony in the Madison Performing Arts Center. Membership in the National Honor Society is the highest it has ever been with 65 members. In addition, 25 9<sup>th</sup> grade students were recognized for their strong academic performance.

### **On-Line Learning**

Madison High School provided students who were not on track to graduate the opportunity to earn high school credit on-line through E2020 (Educational 2020). Over 50 high school students enrolled in the virtual courses offered through E2020.

### **Varsity Athletics**

Madison High School offers students the opportunity to participate on the following athletic teams: Basketball, Football, Volleyball, Cross Country, Competitive Cheer, Wrestling, Bowling, Softball, Baseball, Golf, and Track & Field.

### **Visual Arts**

Our High School Art students had the opportunity to submit their work in several local art shows. Students received local, regional, and state recognition awards. Several of our students had artwork published in the local newspaper.

### **Vocal Music**

The High School Choir has been in existence for seven years and student enrollment continues to grow.

The mission of Madison Schools is to develop a student's full potential in order to be successful in an ever changing world. To accomplish this we must act in partnership with all of our stakeholders. We strive to develop individual excellence through rigorous academics, innovative technology and personal attention. We are extremely proud of our school, faculty, and student accomplishments.

Sincerely,

Kristin Thomas  
Principal  
Madison High School

