



Warren Consolidated Schools

Creating Dynamic Futures through Student Achievement, High Expectations, and Strong Relationships

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MACOMB MATHEMATICS SCIENCE TECHNOLOGY CENTER

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Middle School Mathematics Science Technology Center (MS2TC) Macomb Math Science Technology Center (MMSTC) School Annual Education Report (AER) Cover Letter

April 8, 2019

Dear Parents and Community Members:

We are pleased to present you with the Annual Education Report (AER) which provides key information on the 2017-18 educational progress for Middle School Mathematics Science Technology Center and the Macomb Math Science Technology Center. 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 the Director of Special Programs for assistance.

The AER for MS2TC is available for you to review electronically at <http://bit.ly/2VU8Two>, and the AER for MMSTC can be reviewed at <http://bit.ly/2VWwBYQ>, or you may request a copy in the main office at your child's school.

For the 2017-18 school year, schools were identified using definitions and labels as required in the Every Student Succeeds Act (ESSA). A Targeted Support and Improvement (TSI) school is one that has at least one subgroup performing in the bottom 25% within each applicable accountability index component.

An Additional Targeted Support (ATS) school is one that has three or more underperforming student subgroups as defined by TSI definition above.

A Comprehensive Support and Improvement (CSI) school is one whose performance is in the lowest 5% of all schools in the state or has a graduation rate at or below 67%. Some schools are not identified with any of these labels. In these cases, no label is given.

Our school has not been given one of these labels.

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Butcher Educational Center (BEC) currently houses three magnet programs serving students from 11 high schools, three within Warren Consolidated Schools (WCS) and eight from Macomb County high schools. Middle school students come from WCS's four district middle schools. The data represented in our School Improvement Plan and therefore analyzed, represents students who attend BEC for a full school day at the middle school level. Students attending BEC programs struggle with similar academic issues as their home school peers when itemizing local and state assessment data: relatively low ability to make inferences within text, making evidence-based arguments within their writing and problem solving; limits in academic vocabulary and the ability to transfer problem solving skills learned in one curriculum to another.

State law requires that we also report additional information.

1. PROCESS FOR ASSIGNING PUPILS TO THE SCHOOL

Students are assigned to schools according to their address of residence within the district's boundaries. Parents may request another school within the District under the Open Enrollment process, however, transportation is not provided. The Board of Education has determined that it will allow nonresident students, residing within the Macomb ISD, but whose parent(s) reside in the District, and who qualify to enroll in the District through a Schools of Choice program.

As a provider of three unique educational programs, we also use a selection process that considers the following criteria for the high school Macomb Mathematics Science and Technology Program (MMSTC): currently enrolled in Algebra I or Accelerated Geometry in 8th grade; teacher recommendations and grades for mathematics and science; counselor recommendation; performance on an Algebra readiness assessment, MMSTC entrance exam, and the CoGAT. Students are ranked according to points earned cumulatively. The Middle School Mathematics Science and Technology Center (MS2TC) and the Middle School Visual and Performing Arts Center applies similar criteria for entrance: Parent Application; Student Application writing assessment; students' performance on the fall NWEA and CoGAT assessments; and teacher recommendations. Additional information is gathered on students' grades, attendance and behavior patterns. A stakeholder committee reviews the cumulative data making final recommendations.

2. THE STATUS OF THE 3-5 YEAR SCHOOL IMPROVEMENT PLAN

Butcher Educational Center is in the third year of their school improvement cycle. The focus will be on writing across the curriculum, specifically in the area of evidence-based argumentation.

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3. A BRIEF DESCRIPTION OF EACH SPECIALIZED SCHOOL

Warren Consolidated Schools offers several specialized programs to meet the needs of a variety of learners.

The **Macomb Math and Science Center (MMSTC)** is an honors program for 9th – 12th grade students in Macomb County districts who are interested in advanced/accelerated mathematics, science, and computer technology. Students must apply and be selected for the program based upon placement testing and teachers recommendation. The Center’s program is a half day and students attend their home school for the remainder of the day. It is located at Butcher Educational Center.

The **Middle School Mathematics Science Technology Center (MS)2TC** offers an advanced mathematics, science technology option for middle school students. Students who are accepted into the program will split their day between their home middle school, where they will take their social studies and two elective classes, and Butcher Educational Center, where they will take their mathematics, science, and English language arts classes.

The **Middle School Visual and Performing Arts (MS-VPA)** is an exciting, creative program that has been designed to build on the district’s nationally-acclaimed, award-winning high school performing arts program (WCSPA) which is located in Sterling Heights High School. MS-VPA is intended for academically-focused and creative students who seek to blend their academic experience with interest in the performing arts. Students who are accepted into the program will split their school day between their home middle school, where they will take their language arts, science, and math classes, and Butcher Educational Center, where they will take their social studies and two performing arts electives. The performing arts electives will include visual arts, music, dance, and theatre exploratory experiences.

The **Career Preparation Center (CPC)** programs are open to Clintondale, Fraser, and Warren Consolidated 11th and 12th grade students. CPC programs are designed to provide students with skills to enter the workforce or continue with additional college or workplace training. Career Technical Education (CTE) classes at the CPC provide technical skills and knowledge. Students enrolled in these programs are often able to earn technical certifications as well as college credit.

Community High School is an alternative education program for high school students. The primary objective of the school is to assist enrolled students in meeting their high school graduation requirements in a timely manner. It is now located at the Hatherly Educational Center.

Early Childhood Education is an important part of the mission and vision of Warren Consolidated Schools. A variety of early learning classrooms are housed in our elementary buildings. These programs include WCS Early

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Childhood Special Education (ECSE) Program, the World of Fours (grant-supported preschool program for 4 year-olds), fee-based 3-year-old and 4-year-old preschool, transitional kindergarten, and several Macomb-Intermediate School District Head-Start classrooms.

4. IDENTIFY HOW TO ACCESS A COPY OF THE CORE CURRICULUM, A DESCRIPTION OF ITS IMPLEMENTATION

Warren Consolidated Schools follows all State of Michigan curriculum guidelines. The Board of Education has adopted a core curriculum based on Michigan Curriculum Framework, Grade-Level Content Expectations/Michigan State Standards, and Michigan Merit Curriculum approved by the State Board of Education. A copy of the core curriculum may be accessed at www.wcskids.net, under Parent Resources on our school page.

5. THE AGGREGATE STUDENT ACHIEVEMENT RESULTS FOR ANY LOCAL COMPETENCY TESTS OR NATIONALLY NORMED ACHIEVEMENT TESTS

In the Fall of 2017, Warren Consolidated Schools administered Northwest Evaluation Association's measure of Academic Progress (MAP Growth assessment). This test was given again the Spring of 2018. ELA and Math assessment results are listed below.

ELA	GR	Total Students	Lo	Pct	LoAvg	Pct	Avg	Pct	HiAvg	Pct	Hi	Pct
Fall	7	22	0	0	0	0	0	0	2	9	20	91
Spring	7	24	0	0	0	0	0	0	4	17	20	83
Fall	8	52	0	0	2	4	1	2	18	35	31	60
Spring	8	52	0	0	0	0	2	4	17	33	33	63
%ile = Percentile			Lo %il <21		LoAve %il 21-40		Avg %ile 41-60		HiAvg %ile 60-80		Hi %ile >80	

MATH	GR	Total Students	Lo	Pct	LoAvg	Pct	Avg	Pct	HiAvg	Pct	Hi	Pct
Fall	7	22	0	0	0	0	0	0	8	36	14	64
Spring	7	24	0	0	0	0	0	0	9	38	15	63
Fall	8	52	0	0	1	2	5	10	23	44	23	44
Spring	8	52	0	0	1	2	5	10	22	42	24	46
%ile = Percentile			Lo %il <21		LoAve %il 21-40		Avg %ile 41-60		HiAvg %ile 60-80		Hi %ile >80	

6. PARENTS AT PARENT-TEACHER CONFERENCES

MS2TC	Students represented by parents at parent teacher conferences			
	2016-17		2017-18	
	Number	Percentage	Number	Percentage
FALL	66	70%	79	66%
SPRING	19	20%	42	35%

*Spring conference are held by request of parent or teacher.

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MMSTC	Students represented by parents at parent teacher conferences			
	2016-17			
	Number	Percentage	Number	Percentage
FALL	n/a	68%	n/a	69%
SPRING	n/a	35%	n/a	32%

*Spring conference are held by request of parent or teacher.

7. FOR HIGH SCHOOLS, ONLY ALSO REPORT ON THE FOLLOWING:

- a. THE NUMBER AND PERCENT OF POSTSECONDARY ENROLLMENTS (DUAL ENROLLMENT)

This is reported at our students' home schools.

- b. THE NUMBER OF COLLEGE EQUIVALENT COURSES OFFERED (AP/IB)

This is reported at our students' home schools.

- c. THE NUMBER AND PERCENTAGE OF STUDENTS ENROLLED IN COLLEGE EQUIVALENT COURSES (AP/IB)

Ninety-one students attending MMSTC register to take the AP Calculus (A/B and B/C), AP Physics, AP Chemistry, AP Computer Science and AP Statistics exams. They may also register for exams in their home schools.

- d. THE NUMBER AND PERCENTAGE OF STUDENTS RECEIVING A SCORE LEADING TO COLLEGE CREDIT

Students' home high schools report this data.

The 2017-2018 school year was very exciting for students, their parents, and staff at Butcher Educational Center as collectively they worked diligently to supplement each program financially with family fund raisers, performances, and grant writing. Working together, we strengthened relationships between each set of stakeholders simultaneously giving our students exciting and rewarding educational experiences.

Sincerely,

Elizabeth Iljkoski, Ed.S

Interim-Director of Special Programs:
Macomb Mathematics Science Technology Center