



Warren Consolidated Schools

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

ADMINISTRATION BUILDING

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

May 18, 2018

Dear Parents and Community Members:

We are pleased to present you with the Annual Education Report (AER) which provides key information on the 2016-17 educational progress for the 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 Dr. Catherine Neuhoff for assistance.

The AER for MS2TC is available for you to review electronically at <https://goo.gl/W4RMnW>, and the AER for MMSTC can be reviewed at <https://goo.gl/KTpOy6>, or you may request a copy in the main office at your child's school.

For the 2016-17 school year, schools were identified using new 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 underperforming student subgroup. An Additional Targeted Support (ATS) school is one that has three or more underperforming student subgroups. A Comprehensive Support and Improvement (CSI) school is one whose performance is in the lowest 5% of all schools in the state. 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.

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. 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

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text; marshaling appropriate evidence to validate claims and consideration of counterpoints in their writing; limits in academic vocabulary; and the ability to transfer problem solving skills learned in one curriculum to another.

To respond to academic issues, staff focuses their professional goals and classroom strategies on improving students' inference, critical writing, and academic vocabulary skills while helping them make real world connections through the Gold Star Project- Based Learning (PBL) method approach at the middle school levels and critical research practices in the high school courses. Staff development and community outreach efforts are employed that allow BEC counseling and instructional staff to access wrap around services needed to support the non-academic needs of students.

State law requires that we also report the following additional information for the two most recent years:

1. **PROCESS FOR ASSIGNING PUPILS TO THE SCHOOL**

Butcher Educational Centers' (BEC) three unique educational programs use a selection process that consider 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: students' academic and personal behavioral traits derived from the 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 second year of their school improvement cycle.

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

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.

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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- School of Performing Arts (MS-WCSPA)** 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-WCSPA 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 located at the Flynn Educational Center along with the adult **ESL program**.

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 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.

Year-round education offers many benefits for students and families such as increased student achievement and retention rates, more effective learning environment by reduced time spent reviewing, expanded enrichment and intervention opportunities for students, and expanded educational choice options for parents. Year-round education is offered at Siersma and Holden Elementary Schools.

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4. 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. Fall 2015 Iowa Percent Proficient (M-Step Four Level Companion)

	Area	Grade	Total Students	Level 1	Pct	Level 2	Pct	Level 3	Pct	Level 4	Pct	Level 3 & 4
MS2TC	CORE	6	84	0	0.0%	3	3.6%	50	59.5%	31	36.9%	96.4%
	ELA	6	84	0	0.0%	7	8.3%	43	51.2%	34	40.5%	91.7%
	MATH	6	84	1	1.2%	7	8.3%	42	50.0%	34	40.5%	90.5%
	CORE	7	157	0	0.0%	4	2.5%	77	49.0%	76	48.4%	97.5%
	ELA	7	159	0	0.0%	4	2.5%	50	31.4%	105	66.0%	97.5%
	MATH	7	161	2	1.2%	13	8.1%	79	49.1%	67	41.6%	90.7%
	CORE	8	134	0	0.0%	5	3.7%	62	46.3%	67	50.0%	96.3%
	ELA	8	136	0	0.0%	5	3.7%	48	35.3%	83	61.0%	96.3%
MMSTC	MATH	8	136	1	0.7%	9	6.6%	69	50.7%	57	41.9%	92.6%
	CORE	9	45	0	0.0%	0	0.0%	4	8.9%	41	91.1%	100.0%
	ELA	9	46	0	0.0%	0	0.0%	6	13.0%	40	87.0%	100.0%
	MATH	9	45	0	0.0%	0	0.0%	7	15.6%	38	84.4%	100.0%
	CORE	10	37	0	0.0%	0	0.0%	1	2.7%	36	97.3%	100.0%
	ELA	10	45	0	0.0%	0	0.0%	1	2.2%	44	97.8%	100.0%
MATH	10	37	0	0.0%	0	0.0%	3	8.1%	34	91.9%	100.0%	

Level 1 1-23 NPR

Level 2 24-45 NPR

Level 3 46-79 NPR

Level 4 80-99 NPR

*NPR = National Percentile Rank

In the Fall of 2016, Warren Consolidated Schools administered Northwest Evaluation Association's Measures of Academic Progress (MAP Growth assessment) in place of the Iowa test. This test was given again in the Spring of 2017. Math assessment results for students enrolled in MS2TC are below.

MATH	GR	Total Students	Lo	Pct	LoAvg	Pct	Avg	Pct	HiAvg	Pct	Hi	Pct
Fall	7	44	0	0	1	2	7	16	21	48	15	34
Spring	7	42	0	0	0	0	10	24	19	45	13	31
Fall	8	50	0	0	1	2	5	10	16	32	28	56
Spring	8	49	0	0	1	2	3	6	22	45	23	47
Lo %ile <21			LoAvg %ile 21-40		Avg %ile 41-60		HiAvg %ile 61-80		Hi %ile > 80			

%ile = Percentile

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6. Parent Participation at Fall and Spring Conferences

MS2TC	Students represented by parents at parent teacher conferences			
	2015-16		2016-17	
	Number	Percentage	Number	Percentage
FALL	45	71%	66	70%
SPRING	27	43%	19	20%

MMSTC	Students represented by parents at parent teacher conferences			
	2015-16		2016-17	
	Number	Percentage	Number	Percentage
FALL	n/a	69%	n/a	68%
SPRING	n/a	40%	n/a	35%

7. FOR HIGH SCHOOLS ONLY:

a) POSTSECONDARY ENROLLMENTS (DUAL ENROLLMENT)

This is reported at our students' home schools.

b) COLLEGE EQUIVALENT COURSES OFFERED (AP/IB)

This is reported at our students' home schools.

c) STUDENTS ENROLLED IN COLLEGE EQUIVALENT COURSES (AP/IB)

One-hundred, thirty-seven students attending MMSTC register to take the AP Calculus (A/B and B/C), AP Physics, AP Chemistry, and AP Statistics exams. They may also register for exams in their home schools.

d) STUDENTS RECEIVING A SCORE LEADING TO COLLEGE CREDIT

Students' home high schools report this data (we do not receive this).

The 2016-2017 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,

Dr. Catherine Neuhoff

Director of Special Programs:

Macomb Mathematics Science Technology Center
Middle School Mathematics Science Technology Center
Middle School Visual and Performing Arts