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Davis Aerospace High School

900 Dickerson Avenue

Detroit, Michigan 48215-2900

2015-2016 Annual Education Report (AER) Cover Letter

March 13, 2017

Dear Parents and Community Members:

We are pleased to present you with the Annual Education Report (AER) which provides key information on the 2015-2016 educational progress for the Davis Aerospace 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 Neal Morrison, Principal at (313) 822-8820 for assistance.

The AER is available for you to review electronically by visiting the District's website <http://detroitk12.org/aer>, the school's website at <http://detroitk12.org/schools/davisaerospace/> or the MiSchool Data website at <https://goo.gl/hl39lm>. You may review a copy in the main office at your child's school or in the Parent Resource Room at Detroit Collegiate Preparatory High School at Northwestern, 2200 W. Grand Boulevard, Detroit, Michigan.

For the 2016-2017 year, no new Priority or Focus schools were named; some Priority or Focus schools did exit their status because they met the exit criteria. New Reward schools were identified using school rankings and Beating the Odds information. A Focus school is one that has a large achievement gap between the highest and lowest achieving 30% of schools. A Priority school is one whose achievement and growth is in the lowest 5% of all schools in the state. A Reward school is one that has achieved one or more of the following distinctions: top 5% of schools on the Top-to-Bottom School Rankings, top 5% of schools making the greatest gains in achievement

(improvement metric), or “Beating the Odds” by outperforming the school’s predicted ranking and/or similar schools. Some schools are not identified with any of these labels. In these cases, no label is given. Our school was identified as a No Status school.

The key challenges for our school are as follows:

We did not test 95% of our students.

Only 92.86% of the All Students and 92.86% of the African American subgroups were assessed in English Language Arts.

We did not attain Differentiated target achievement goals for all subgroups of students in English Language Arts.

Only 0.00% of the Bottom 30% subgroup met the Differentiated target in English Language Arts.

We did not attain Differentiated target achievement goals for all subgroups of students in mathematics.

Only 0.00% of the Bottom 30% subgroup met the Differentiated target in mathematics.

We did not attain Differentiated target achievement goals for all subgroups of students in science.

Only 0.00% of the Bottom 30% subgroup met the Differentiated target in science.

We did not attain Differentiated target achievement goals for all subgroups of students in social studies.

Only 0.00% of the Bottom 30% subgroup met the Differentiated target in social studies.

We are actively working to address our Michigan Scorecard issues, accelerate student achievement and close the achievement gaps in achievement. We will establish and implement student academic achievement intervention plans focused on improving reading, mathematics, science, and social studies academic attainment. Using a strategic monitoring and intervention process, student achievement and assessment data will be thoroughly disaggregated and analyzed to drive instructional planning and delivery. The school will structure the internal system of academic support by employing reading and math coaches to work elbow- to- elbow with students who are experiencing academic challenges. Instructional services will include extended day for academic recovery, access to on-line programming Cambridge Educational Services, an ESPRO Coach (Essential Skills Professional.) Professional development will center on building teacher’s capacity for identifying student’s needs using data, responding with appropriate instruction to improve their pedagogical skill, professional learning and growing using researched- based strategies.

Parent Involvement

Closing the achievement gap involves collaboration and participation of the school and home communities. Parents will be invited and encouraged to engage in the school's learning community through professional development for teachers and parents on how to improve and support student learning in school and at home. Strategies and resources will be shared with parents on curriculum changes/ updates; online support resources, information of parent network, and avenues to volunteer or lead service to the learning environment. Davis Aerospace will work collaboratively with the Detroit Parent Network to implement joint parent programming initiatives that support both parents and students in the learning process.

State law requires that we also report additional information.

Process for Assigning Pupils to the Schools

Open Enrollment Initiative

Detroit Public Schools Community District has an "Open Enrollment Initiative." This initiative allows students to elect to attend any Detroit Public School Community District school without being required to live within the boundary for that school. The "Open Enrollment Initiative" does not apply to the Examination High Schools or Application Schools. Parents may enroll their child(ren) in the school of their interest as long as the school has not reached capacity for their particular grade. Enrollment preference is given to students who live within the boundary of a school. It should also be noted that transportation will not be provided for students who select a school outside of the boundary of their home school. "Open Enrollment Initiative" resources can be found on our website at: http://detroitk12.org/resources/prospective_students/

Application Schools

Detroit Public Schools Community District has twenty-two (22) schools that require an application for enrollment. Families can apply during the application process window. Applications are open to families of current Detroit Public Schools Community District students as well as those newly enrolling or attending school elsewhere. The District uses one application for its Application Schools. Please note requirements on the application for submission of report cards, test data, transcripts, essay and Grade Point Average information. Schools also may have other individual entry requirements. Be prepared to provide behavior reports.

Examination High Schools

During the Examination High Schools application window, all 8th grade students attending public and non-public schools are eligible to apply for admission to the 9th grade at Cass Technical High School, Renaissance High School and Martin Luther King, Jr. Senior High School's Mathematics, Science and Applied Technology (MSAT) and Center for International Studies and Commerce programs. Residency is not required. During the beginning of the school year, students must complete and submit an application to take the placement examination.

An application is available at:

- All Detroit Public Libraries
- All Detroit Public Schools Community District's Middle Schools
- Detroit Public Schools Community Districts' Parent Resource Centers
- Detroit Public Schools Community District Research and Assessment Office located in the Support Services Complex Building A - 1425 East Warren Avenue

Students must submit an application to be eligible to take the examination. Completed applications and all required documents must be submitted to the student's current school or the Detroit Public Schools' Office of Research and Assessment. Detroit Public Schools Community Districts' students who submit an application will test at their middle school. Non-Detroit Public Schools Community Districts' students who submit an application will be notified of their testing date and location by mail. Applications may be mailed.

School Improvement Status

School Year	School Improvement Status
2015-2016	No Status
2014-2015	N/A

We will continue to work towards meeting our School Improvement Plan goals in English Language Arts, mathematics, science and social studies. Research-based strategies, comprehensive data analyses and data driven decision-making drives our school improvement efforts.

School Description

Davis Aerospace prepares students for careers in aviation, aerospace, science, technology, engineering and mathematics. Students learn to fly Cessna Aircraft and can earn their private pilot license. Some Offerings: AP/Dual Enrollment Courses, World Languages (Spanish),

School Description (Continued)

Accelerated Reading/Math, Extended Day, Aviation Maintenance and Flight Training, JROTC, Mentoring Programs (From: Picking the Perfect School ~ Detroit Public Schools).

Detroit Public School Community District's Core Curriculum

Detroit Public School Community District's Academic Plan will provide guidance to align all resources in the interest of student achievement and support. Consistent with the Academic Plan is an aggressive plan designed to accelerate the rate of student achievement and to ensure that students graduate with the academic and social skills necessary for success in college and the workplace. The plan is organized around five Pillars of Excellence.



Literacy

Provide a continuum of learning, enabling individuals to achieve their goals, to develop their knowledge and potential, and to participate fully in their community and wider society.

Career Pathways

Provide students with a context for studying traditional academics and learning the skills psecific to a career.

Innovation

Create a shift in mindset to ensure staff is encouraged to: be flexible; try something new, and explore new ways of thinking.

Family & Community

Enhance and enrich positive relationships for all stakeholders.

Wrap Around Services

Ensure every student received appropriate support to elevate their social, emotional, and academic performance.

Access to the Core Curriculum

The instructional strategies and grade level expectations are aligned to the Michigan Department of Education standards (science and social studies) and Common Core State Standards (mathematics and English language arts). This represents the core curriculum for Detroit Public Schools Community District which is supported by the texts, materials, computer software and other school level resources used daily in the classrooms. All of the professional development activities are aligned to the core curriculum and/or standards. The implementation is a process delineated in the District Academic Plan at: (<http://detroitk12.org/content/wp-content/uploads/2016/11/ACADEMIC-PLAN-Executive-Summary-FINAL-2.pdf>). This plan serves as the framework for each school's academic achievement plan. The frequent monitoring of the implementation of these plans are conducted by the school diagnostic visits, review of the benchmark assessments, use of the teacher evaluation tool and adherence to the pacing calendar. The public may access the core curriculum via our public website www.detroitk12.org and then click on the link to the

Access to the Core Curriculum (Continued)

individual academic offices.

Parents/Guardians are offered classes through Parent University to increase parenting skills, early childhood literacy, adult literacy and GED. During the school year, the Parent Resource Centers are a valuable resource that allow parents and other community members to participate in regular and on-going informational and participatory sessions focused on curriculum and instruction. The Detroit Public Schools Community District Hub, Web up-dates and semi-annual progress reports are a means to disseminate achievement information to educators.

Student Achievement Results

Aggregate Student Achievement Results and Detroit Public Schools Community District's Quarterly NWEA~MAP Reading and Mathematics reports for our school can be found in the Resources section of our school's website at <http://detroitk12.org/schools/davisaerospace/>. The following reports are available on the Detroit Public Schools Community Districts' web page at the Research, Evaluation and Assessment site at <http://detroitk12.org/data/rea/>:

Parent-Teacher Conferences (Interactions)

School Year	Total Parent Interactions	Percent
2015-2016	143	10.4%
2014-2015	400	45.7%

The Detroit Public Schools Community Districts' Office of Research and Assessment has developed a data collection system which has enabled the District to comply with the Annual Education Report criteria of identifying the number and percent of students represented by parents at Parent-Teacher Conferences (PTC).

- 1.0 Data from the PTC Forms represent "parent interactions" with teachers, per school, per card marking.
- 2.0 Parent Interaction Definition: During Parent-Teacher Conferences (and in some instances school open houses) Schools/Teachers are advised to have each parent participant provide a parent signature-a parent may not sign for a student if they did not talk about that student.

Parent-Teacher Conferences (Interactions) (Continued):

- 3.0 Some Detroit Public Schools Community District had a very high percentage of reported parent interactions. This may be due to a number of reasons. In at least two (2) instances, the calculated percentages are in excess of 100%. In each instance, each of these two (2) schools may have experienced a large parent turnout at each of the required conferences. If during each conference, one (1) parent with two (2) students enrolled in the school visited three (3) teachers for each of their two (2) students, this would count as six (6) parent interactions, thus increasing the base number and resulting percentage.

Postsecondary Enrollments (Dual Enrollments): None

College Equivalency Courses:

Number and percentage of students enrolled in college equivalent courses (AP/IB)

Year	# of Courses Offered	# of Students Enrolled in Advance Courses	% of Students Enrolled in Advance Courses
2015-2016	1	35	16%
2014-2015	2	34	100%

Percentage of Students Receiving a Score Leading to College Credit (Scores from: ACT/SAT/AP) None

School Year	Number of AP Students	Number of AP Exams	Number of Students taking the AP Exam(s) with scores of 3, 4, or 5	Percentage of Students taking the AP Exam(s) receiving a score of 3, 4, or 5
2015-2016	6	6	0	0.0%
2014-2015	16	16	0	0.0%

*Per the Detroit Public Schools, Office of Curriculum, Instruction and Accountability, Research and Assessment, data was obtained from the Advanced Placement (AP) Current Score Summary (2016) Report. This report was run January 11, 2017.

The 2016 data for this report provides, per school, the total number of Advanced Placement (AP) students who scored 3, 4, or 5 on at least one (1) Advanced Placement (AP) Exam divided by the total number of AP exams per school.

Our staff wishes to encourage our students, parents, community and stakeholders to continue to have faith in our commitment to meet the educational needs of our students. Our resolve is firm; we will meet the challenge of “creating a successful future” for our students.

Sincerely,

Neal Morrison, Principal