



DETROIT PUBLIC SCHOOLS

Davis Aerospace High School

10200 Erwin Street
Detroit, Michigan 48234-4116

Annual Education Report (AER) Cover Letter (2012-2013)

August 19, 2013

Dear Parents and Community Members:

We are pleased to present you with the Annual Education Report (AER), which provides key information on the 2012-2013 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 Nina Graves-Hicks, Principal at (313) 866-5401 for assistance.

The AER is available for you to review electronically by visiting the District's website <http://detroitk12.org/aer> or the school's website at <http://detroitk12.org/schools/school/601/>. You may also view a printed copy in the main office at your child's school or at the Parent Resource Center located at the Detroit International Academy, Room 141, 9026 Woodward Avenue, Detroit, Michigan.

The State has identified some schools with the status of Reward, Focus or Priority. A Reward school is one that is outperforming other schools in achievement, growth, or is performing better than other schools with a similar student population. A Focus school is one that has a large achievement gap in 30% of its student achievement scores. A Priority school is one whose achievement and growth is in the lowest 5% of all schools in the State. Our school has not been given one of these labels.

The key challenges for our school are as follows:

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

- Only 10.00% of the Bottom 30% subgroup met the Differentiated target for reading.

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

- Only 0.0% of the Bottom 30% subgroup met the Differentiated target for writing.

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

- Only 3.13% of the All Students; 0.0% of the Bottom 30%; 3.23% of the African American and 3.33% of the Economically Disadvantaged subgroups met the Differentiated target for science.

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

- Only 0.0% of the Bottom 30% subgroup met the Differentiated target for social studies.

We are actively working to address our Michigan School Scorecard issues, accelerate student achievement and close persistent gaps in achievement. We will establish and implement student academic intervention plans focused on improving reading, mathematics, science, and social studies academic attainment. Using a strategic monitoring /Intervention process, student achievement and assessment data will be thoroughly disaggregated and analyzed to drive instructional planning and delivery. The school will restructure the internal system of academic support by employing reading and math coaches to work elbow-to-elbow with students experiencing academic challenges. Instructional services will include extended day for academic credit recovery. Professional development will center on building teacher's capacity for identifying student's needs using data, responding with appropriate instruction to improve their pedagogical skills, professional learning and growth using research-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, formation of parent networks, and avenues to volunteer or lend 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 School

During the 2011-2012 school year, Detroit Public Schools implemented the “Open Enrollment Initiative.” This initiative allows students to elect to attend any Detroit Public 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/

School Improvement Status

Year	School Improvement Status
2012-2013	No Status
2011-2012	No AYP ~ AYP Met

School Description:

Davis Aerospace High School offers students an one-of-a-kind learning experience that engages students in a rigorous college preparatory academic curriculum coupled with a remarkable technical education program that prepares students for careers in aviation, aerospace, science, technology, engineering and mathematics. The only program of its type in the entire State of Michigan; our students learn maintenance and how to fly Cessna aircraft and can earn their private pilot license prior to graduation. Our school partners with Delta Airlines, Western Michigan University, College of Aviation, Tuskegee Airmen, Detroit City Airport and other business/community organizations. Enrollment is open for Grades 9-12. Please visit our website at <http://detroitk12.org/schools/school/601/> for more detailed information about our school.

Detroit Public Schools’ Core Curriculum:

Consistent with the Detroit Public Schools 2013-2017 Strategic Plan, there are aggressive plans 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.

Specific curriculum actions are based on the District's strategic plan to:

- I. Broaden Services to Address Student Needs
- II. Support Parents and Families
- III. Offer Broad/High Quality Programs
- IV. Improve Customer Service
- V. Create Safe Learning Environments
- VI. Transform Central and School based services to serve customers better
- VII. Improve Technology
- VIII. Minimize the Impacts of Change
- IX. Foster School-Based Leadership
- X. Celebrate and Promote Success
- XI. Ensure Fiscal Stability
- XII. Improve Attendance and Discipline

The "Neighborhood-Centered, Quality Schools," Strategic Plan, is available online at http://detroitk12.org/content/wp-content/uploads/2013/03/Strategic_Plan_DRAFT-FINAL.pdf

Access to the Core Curriculum

The instructional strategies and grade level expectations are aligned to the State standards and the NAEP. This represents the core curriculum, 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.

The implementation is a process delineated in the District Plan. 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 variances from the State Plan can be found in the grade level expectations, which are also aligned to the higher standards of NAEP.

Parents/Guardians are offered classes to increase parenting skills, early childhood literacy, adult literacy and GED. During the school year, the Regional Parent Resource Center is a vehicle for parents and other community members to participate in regular and on-going informational and participatory sessions focused on curriculum and instruction. Learning Village (an online instructional management system),

Access to the Core Curriculum (Continued)

Web updates and semi-annual progress reports are a means to disseminate achievement information to educators. Parents will have the opportunity to monitor students' progress, including attendance, through **Parent Connect** in the Fall.

Detroit Public Schools Core Curriculum is currently under revision. Pacing Charts and Curriculum guides will be posted to the Division of Teaching and Learning under the Leadership page of our website in the near future.

Parent Engagement

- ❖ Use the technology portal for parents to view daily lessons and to communicate with teachers.
- ❖ Implement and follow through with the parent contracts.
- ❖ Use the Parent Resource Center to engage parents in innovative workshops and sessions that are practical and will result in parent support to students at home.

Student Achievement Results

Aggregate Student Achievement Results and Detroit Public Schools Quarterly NWEA~MAP Reading and Mathematics reports for Davis Aerospace High School can be found on the Detroit Public Schools' web page at the Research, Evaluation and Assessment site at <http://detroitk12.org/data/rea/>. The following reports are available:

- District Profile Report
- Combined School Profile Reports
- Individual School Profile Reports
- Adequate Yearly Progress (AYP) Reports
- Michigan Accountability Scorecard Report
- Annual Education Report

Parent-Teacher Conferences (Interactions):

School Year	Total Parent Interactions	Percent
2012-2013	504	52.2%
2011-2012	347	27.1%

The Detroit Public Schools' Office of Research, Evaluation, Assessment and Accountability 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.

- 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.
- 3.0 Several DPS schools had a very high percentage of reported parent interactions. This may be due to a number of reasons. In at least seven (7) instances, the calculated percentages are in excess of 100%. In each instance, each of these seven (7) schools is an elementary school or a Foundation for Early Learners School with 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):

Year	Total # of 11 th /12 th Graders Enrolled	# of Dual Enrollment Students	% of Dual Enrollment Students
2012-2013	1021	400	39%
2011-2012	700	420	59%

College Equivalency Courses:

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

School Year	# of Courses Offered	# of Students Enrolled in Advance Courses	% of Students Enrolled in Advance Courses
2012-2013	0	0	0%
2011-2012	97	12	25%

**Percentage of Students Receiving a Score Leading to College Credit
(Scores from: ACT/SAT/AP)***

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
2012-2013	14	14	0	0.0%
2011-2012	20	20	0	0.0%
Source: College Board				

*Per the Evaluation Unit of the Detroit Public Schools Office of Research, Evaluation, Assessment and Accountability, data was obtained from the Advanced Placement (AP) Current Score Summary (2013) Report. This report was run August 7, 2013.

The 2013 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 Advanced Placement (AP) Exam divided by the total number of AP exams per school.

We would like to wish our students, parents and community a successful school year.

Sincerely,

Nina Graves-Hicks, Principal