

DETROIT PUBLIC SCHOOLS

Davis Aerospace High School

10200 Erwin Street
Detroit, Michigan 48234-4116

Annual Education Report (AER) Cover Letter (2011-2012)

August 13, 2012

Dear Parents and Community Members:

We are pleased to present you with the Annual Education Report (AER), which provides key information on the 2011-2012 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, Adequate Yearly Progress (AYP) 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 of your child's school or in the Parent Resource Center located at the Detroit International Academy, Room 141, 9026 Woodward Avenue, Detroit, Michigan.

For 2011-2012, Davis Aerospace High School made Adequate Yearly Progress (AYP) in the tested subjects (mathematics, reading, science). While we are pleased to have reached this important goal, we are continuously working to improve. We appreciate the continued support of parents, staff and our community in this effort.

In order to maintain our Adequate Yearly Progress status, 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 and responding with appropriate instruction and improving their own 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 High School 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 web-site at: http://detroitk12.org/resources/prospective_students/

School Improvement Status

Year	School Improvement Status
2011-2012	No AYP~ AYP Met
2010-2011	N/A ~ AYP Not 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.

Detroit Public Schools' Core Curriculum:

Consistent with the Detroit Public Schools Academic Plan for 2012-2013, 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 five (5) pillars of student achievement:

- I. Talent management,
- II. High quality teaching and learning.
- III. Rigorous, transparent and continuous improvement cycle,
- IV. Customer service approach to community and each other, and
- V. A secure, inclusive and dynamic culture.

An Executive Summary of The 2012-13 Academic Action Plan, is available online at http://detroitk12.org/content/wp-content/uploads/2012/05/FINALAcademicPlanExecutive-Summary_2012.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.



Access to the Core Curriculum: (Continued)

A Summer Parent University is offered with 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), Web updates and semi-annual progress reports are also a means to disseminate information to parents and community.

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 web-site 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 Benchmark Assessment in Reading and Mathematics for Davis Aerospace High School can be found on the Detroit Public Schools' webpage 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
- Annual Education Report

Parent-Teacher Conferences (Interactions):

School Year	Total Parent Interactions	Percent
2011-2012	347	27.1%
2010-2011 (Corrected)	440	42.2%



Parent-Teacher Conferences (Interactions) (Continued)

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
2011-2012	97	12	25%
2010-2011	92	0	0%



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
2011-2012	1	51	27.87%
2010-2011	0	0	0%

**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 Exam(s) with a Score of 3, 4, or 5	Percentage of Students taking the AP Exam(s) receiving a Score of 3, 4, or 5
2011-2012	20	20	0	0.0%	0.0%
2010-2011	70	70	0	0%	0.0%
Source: College Board					

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

Sincerely,

Nina Graves-Hicks, Principal

