

**AdvancED School Executive Summary**

Lauderhill 6-12 STEM-MED Magnet School

Broward County Public Schools

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**Executive Summary Template School Accreditation 2016**

The Executive Summary (ES) provides the school an opportunity to describe in narrative form its vision as well as strengths and challenges within the context of continuous improvement. Use this template to complete the responses to the various questions below. The responses should be brief, descriptive, and appropriate for the specific section. Transfer completed narratives into the corresponding sections of the Executive Summary found online in ASSIST.

**Description of the School**

Describe the school's size, community/communities, location, and changes it has experienced in the last three years. Include demographic information about the students, staff, and community at large. What unique features and challenges are associated with the community/communities the school serves?

Lauderhill 6-12 STEM MED Magnet School is a located in a large suburban community in the city of Lauderhill in central Broward County, Florida. As one of only two combination secondary (grades 6-12) public schools in the Broward County Public School System, Lauderhill 6-12 boasts a schoolwide magnet science, technology, engineering and mathematics (STEM) program. The current student enrollment is approximately 740 students with 95% minority rate and 94% receiving free and reduced lunch hence qualifying as a Title I school. The gender breakdown is approximately 55% male and 45% female students. The student population represents the ethnic and cultural diversity within the community with 2% White, 95% Black, 2% Hispanic and 1% Multi-Racial / Asian. The Lauderhill community is mainly comprised of a blend of African Americans and Caribbean immigrants primarily from countries such as Haiti and Jamaica. Over the past three years, Lauderhill 6-12 has elevated the course offerings to include innovative programs to include Gaming Simulation, Advanced Placement, Engineering Pathways with Industry Certification and Fire Fighting Academy. Within the last year, our school grade has improved from “F” to a “D” with notable recognition in extracurricular activities and athletics. Our goal is to ensure all of our students are prepared for college and career at the time of graduation equipped with 21st century skills to be effective contributors in the community.

**School’s Purpose**

Provide the school's purpose statement and ancillary content such as mission, vision, values, and/or beliefs. Describe how the school embodies its purpose through its program offerings and expectations for students.

Lauderhill 6-12 STEM MED School (L612) recognizes that students have a need to grow every day and intends to prepare a diverse student population for success in college, and to be thoughtful, contributing members of society. The vision of Lauderhill 6-12 STEM MED School is believing that: Children Have a Need to Grow Everyday (C.H.A.N.G.E.) Our theme this school year is "Relentless Rising S.T.A.R.S" The acronym S.T.A.R.S represents the school-wide expectations and guidelines for success with each stakeholder striving to be Safe, Team Player, Attentive, Respectful and Successful.

Lauderhill 6-12 is a premier leader in science, technology, engineering and mathematics through its S.T.E.M. program and extra-curricular offerings. Such programs include

* **Code.org Computer Science** - a partnership with Code.org through the Introduction to Technology and Exploring Computer Science Courses.
* **Game Simulation and Design** – students create gaming concepts and applications that embed core curriculum into real world scenarios.
* **Engineering Pathways** – select middle and high school students receive hands-on experience in Auto-Computer Aided Design (CAD) modeling software and learning the basic skills of sketching and drawing engineering designs. Eligible students will earn the opportunity to receive Mastercam Industry Certification.
* **Fire Fighting / First Responders** Program – a partnership with the city of Lauderhill Fire Department provides our students with on-site certified firefighter / paramedic instructors. At the end of three years, cadets will receive Level I Fire-Fighter certification and be eligible for entry into post-graduate fire academies.
* **Panther Preparatory Academy** – elite program for academically motivated middle school students where all core course are on an accelerated pathway with the opportunity to earn Microsoft Office certification in Word, PowerPoint and Excel in each grade level.

**Notable Achievements and Areas of Improvement**

Describe the school's notable achievements and areas of improvement in the last three years. Additionally, describe areas for improvement that the school is striving to achieve in the next three years.

In the last three years, Lauderhill 6-12 has been recognized both nationally and locally for outstanding student achievement. Our students at Lauderhill 6-12 have won local and national Gaming Design competitions at Boca Code Day, Congressional App Challenge, Oracle Computer Science Competition and National Loft Fellowship in Washington, DC. Most recently students took home the first place prize in the regional Afro-Academic, Cultural, Technological and Scientific Olympics and will represent Lauderhill 6-12 at the national competition in Ohio during summer 2016. In 2014-2015, Lauderhill 6-12 students received first place recognition in the city of Lauderhill competitions including Brain Brawl and Anti-Bullying Essay.

Our high school enrollment has increased from twenty students to almost one hundred students. We have experienced significant proficiency increases in the areas of Civics and Science. Currently we boast a graduation:

* Class of 2017 – 22 students
* Class of 2018 – 30 students
* Class of 2019 – 47 students
* Class of 2020 – 40 students
* Class of 2023 – 44 students

[**Additional**](http://www.advanc-ed.org/assist/s/diagnostic/section/view?surveyId=1147697&sectionId=265) **Information**

Provide any additional information you would like to share with the public and community that were not prompted in the previous sections.

With our continued growth, Lauderhill 6-12 will now include course offerings such as Advanced Placement in Psychology, Human Geography and dual enrollment options beginning in the summer of 2016. We pride ourselves in formatting our high school classes to offer a truly personalized college-bound education. To top it off, with a full integration of technology provides all of our high school students with an iPad to engage in learning both at school and at home. This ensures that all of our students will graduate college and career ready with vital 21st century skills.

Over the years, Lauderhill 6-12 have been fortunate to have the most dedicated and student-centered community partners. These partners include:

* City of Lauderhill and Mayor Kaplan – sponsors of Financial Literacy Family Night, Anti-Bullying and Brain Brawl Competitions.
* Women In Distress, Inc. – lead sponsors of the annual Teen Dating Violence Awareness Pep Rally
* City of Lauderhill Police Department – provides a full-time School Resource Officer and partner with summer camp, Teen Dating Violence Awareness Pep Rally.
* The Links, Inc., - non-profit partner that provides monthly mentorship and leadership weekend workshops for students to include field trips and guest speakers.
* YMCA, Inc. – on-site non-profit partner that provides afterschool programming, college tours and community support.
* Firewall – non-profit partner provides free daily after school program for eligible 6th grade students.