



## Executive Summary for School Name

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.

### Description

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?

Overview: Northeast High School, located in Oakland Park FL, is a dynamic educational institution serving the diverse student body of 1809 individuals. The dedicated instructional staff of over 82 professionals, the school is committed to fostering academic excellence and preparing students for future success. Demographics: the student body at Northeast High School is representation of a rich culture tapestry of the community, with 955 male students 854 female students. The racial composition includes 33% black, 11% white, 51% Hispanic, 3% from other backgrounds. Special programs: the school's commitment to inclusive education is evident through its programs. Approximately 20% of the students participate in exceptional student education (ESE) program, while 22% for English for speakers of other languages (ESOL) students. Notably, the school serves a significant number of Haitian-Creole and Spanish students facing unique educational challenges demonstrating their dedication to meet diverse learning needs.

### 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.

Academic offerings Northeast High School offers a variety of specialized academic programs designed to meet the diverse interests and career goals of its students, the school currently boasts three magnet programs: 1. Latin School

2. Industrial Biotechnologies 3. Alternative Energy. In addition, the school has introduced three new academies created with the ACES Grant to further enhance students' educational experiences: 1. Design Academy 2. Aviation 3. Cybersecurity. These academies provide students with focused, real-world skills and knowledge, ensuring they are well prepared for their chosen career paths.

Northeast High School is dedicated to nurturing a diverse student body and providing them with opportunities to excel academically and professionally. With a strong instructional staff, specialized programs, and a focus on international proficiency and industry readiness, the school is poised to continue its tradition of academic excellence and prepare students for success in a rapidly changing world.

## **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.

Magnet School of Excellence Northeast High School has a rich history of academic excellence and recognition. It was previously honored with the prestigious Magnet School of America award, specifically the Magnet School of Distinction designation. This accolade places Northeast among the top tier of educational institutions in Broward County, with only two high schools in the county receiving this esteemed recognition, and Northeast is the only traditional high school. Lemelson-MIT InvenTeams Innovation and creativity thrive at Northeast High School. Notably, students participated in the Lemelson-MIT InvenTeams program, where they conceived and developed a groundbreaking invention, an agitator designed to prevent mosquitoes from laying eggs in standing water. This innovation has far-reaching implications in halting mosquito reproduction and mitigating diseases transmitted by these insects. The team's accomplishments led them to be one of just fifteen schools across the nation chosen to present their invention at the Massachusetts Institute of Technology (MIT), accompanied by a grant of ten thousand dollars. Microsoft #MakeWhat'sNext Program Northeast High School students were selected for participation in Microsoft's #MakeWhat'sNext program, an initiative dedicated to fostering innovation and invention. As part of this program, they are actively engaged in writing a patent application for their invention, with the ultimate goal of obtaining a patent. This demonstrates the school's commitment to nurturing young inventors and entrepreneurs. Samsung Solve for Tomorrow Competition Northeast High School proudly bears the title of a Samsung Solve for Tomorrow National Finalist in STEM competition. The school's talented students developed a buoy device designed to detect rip currents in oceans and bodies of water, contributing to water safety by alerting swimmers to approaching rip currents. This innovative solution has the potential to save lives and reduce the risks associated with this natural phenomenon.

Currently, Northeast is among a select group of fifteen schools nationwide competing in the final round of the Samsung Solve for Tomorrow competition. Final Round of the Samsung Solve for Tomorrow Competition Showcasing their dedication to STEM education and real-world problem-solving, Science and Language Competitions Northeast High School consistently demonstrates academic prowess by achieving first place wins in both Science Fair competitions at the district and state levels, as well as language competitions. These victories underscore the school's commitment to nurturing students' talents across various disciplines.

STEAM Ideas Festival The school's commitment to education extends beyond the classroom. The Junior Academy of Science at Northeast High School annually hosts the STEAM Ideas Festival, a community event dedicated to promoting STEM education while incorporating the arts. This innovative approach showcases the school's dedication to fostering well-rounded students with a passion for science, technology, engineering, arts, and mathematics.

Northeast High School continues to set the bar high for educational excellence, innovation, and community engagement. Its students and staff are unwavering in their pursuit of academic and creative achievements, making a significant impact within the school, the community, and the nation as a whole.

### **Additional Information**

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