



## Executive Summary for Crystal Lake Middle School

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?

Crystal Lake Middle School (CLMS) is located in Pompano Beach, Florida, in a low, socio-economic inner-city area. The current total enrollment at Crystal Lake Middle is 840 students which includes the following Demographic breakdown: White: 34- 4.5%; Black/African American 453 – 53.93%; Hispanic: 335- 39.88%; Multi-Racial: 12 – 1.43%; Asian: 6- .71%. There are 408 males and 432 females. The CLMS staff consists of approximately 64 teachers, support staff, cafeteria staff, facilities, and four administrators. 68% are female and 32% are male. The languages fluently spoken by staff members other than English are Spanish, French, Haitian -Creole, and Chinese. The majority of the teachers are considered effective based on administrative evaluations with two being highly effective. The majority of community members consists of African-Americans with a low socio-economic status. Challenges are low parent participation at parent and academic nights and teacher/parent conferences. Another challenge is the language barrier at times with teachers/staff and parents. Crystal Lake Middle School is a Title I school and the majority of the population are minority students. In addition, we are also a dual magnet and STEM school. Our magnet programs are International Affairs and Business (IAB) and Engineering and Environmental Sciences. Students enrolled in the IAB program study Chinese, French and Spanish languages and the cultures associated with the peoples living in these regions. These students also receive a business, elective class, which enables them to compare domestic and foreign trade policies. Students enrolled in the Engineering and Environmental Sciences programs receive a double block of science courses (CLMS is the only middle school in the county that offers this allotted time for science studies). Students build and program robots, research how to solve environmental concerns, use architectural, computer programs to design bridges and other structures, create and launch various types of rockets, design underwater habitats and more. CLMS is also a whole, STEM school. Every child receives hands-on, STEM instruction and has the opportunity to complete high school courses in order to prepare them to be become college and career ready

## 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.

### Crystal Lake Middle School Improvement Plan 2025-20256 Executive Summary

#### "MISSION "

At Crystal Lake Middle School, we are committed to Breaking Boundaries, Unlocking Potential, and Pursuing Excellence. Our mission is to empower every scholar to reach his/her full potential by fostering an inclusive, innovative, and supportive learning environment. We strive to break down barriers to education, encourage critical thinking and creativity, and cultivate a community where excellence in academics, character, and citizenship is the norm.

#### " VISION "

Our vision is to be a dynamic and diverse learning community where Breaking Boundaries, Unlocking Potential, and Pursuing Excellence guide every decision and action. We envision a school where scholars are inspired to achieve their highest academic and personal goals, teachers are empowered to innovate and lead, and the entire school community works together to create a future where every scholar thrives.

#### Key Areas of Focus:

1. English Language Arts (ELA) Achievement: - Goal: Improve ELA proficiency and learning gains for all scholars, particularly those in grades 6-8. By leveraging data from the 2024- 25 academic year, we will focus on increasing proficiency by 3%, particularly for scholars scoring in the lowest quartile.  
- Strategies: Implementation of targeted interventions, increased use of technology and integration of Digital 3/3/30 where students will read 30 minutes daily and complete I-Ready daily.
2. Positive Behavioral Interventions and Supports (PBIS): - Goal: Create a positive school climate by reducing disciplinary incidents by 10% and increasing scholar engagement. We aim to improve scholar behavior and overall academic outcomes across all grades. - Strategies: Strengthening our PBIS framework (CHAMPS) with tiered support, consistent behavioral expectations, and schoolwide recognition systems.
3. Magnet Programs of Excellence: - Goal: Ensure scholars in International Affairs and Business, and Environmental Science and Engineering Magnet programs maintain a 3.0 GPA, participate in academic competitions, and engage in service-learning activities. - Strategies: Regular academic monitoring, enhanced scholar engagement in competitions, and fostering real-world learning experiences.
4. STEM and Environmental Science Innovation: - Goal: Expand STEM and environmental science opportunities to engage students in hands-on, inquiry-based learning, with a focus on sustainability and innovation. - Strategies: Partnership with local businesses and organizations to provide experiential learning and project-based activities.
5. Family and Community Engagement: - Goal: Strengthen family and community partnerships to support scholar

success. We aim to increase parent involvement by 15% through workshops, open forums, and engagement activities that foster collaboration between school and home. - Strategies: Monthly parent engagement sessions, increased communication through digital platforms, and expanding volunteer opportunities.

6. Technology Integration: - Goal: Equip scholars with 21st-century skills by increasing technology usage in classrooms. Continuous professional development for teachers on technology integration will be a priority.

Through a collective commitment to academic achievement, behavior improvement, and student engagement, Crystal Lake Middle School is poised to create an educational environment where every student thrives. By leveraging data, focusing on key initiatives like PBIS (CHAMPS), Magnet programs excellence, and technology integration, we will continue to break boundaries, unlock potential and empower each scholar to achieve excellence

## **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.

Over the past several years, Crystal Lake Middle School has achieved a plethora of accolades. In terms of academics a looping team of students has been implemented in order to raise achievement scores. Learning Goals and Scales have been put into practice within the school for teachers and students to track academic growth. Working within our sub cadre we have been able to develop common formative assessments using Performance Matters for most academic areas in order to gather data on student achievement in key benchmarks. CLMS provides such initiatives as Read 180, Progress Learning, SAAVAS, and iReady. Students are also able to leave Crystal Lake Middle School with High School credits in Algebra I, Geometry, Biology I, Spanish I/II, French I/II, Chinese I/II, Debate and online courses. Also, CLMS has been able to successfully obtain a whole school STEM program. In support of Broward County School District's Black Male Initiative Crystal Lake Middle School successfully started in 2014-2015 Mentors for Tomorrow's Leaders and Women's Mentors for Tomorrow's leaders. These programs enable 8th grade students the opportunity to mentor 6th and 7th grade students on academics and behavior needs, preparing them to be college and career ready. Two community partners that have taken an active role in the achievement of students on Crystal Lake Middle School's campus are the Crockett Foundation & Rites of Passage. CLMS's afterschool programs consists of certified teachers who provide homework assistance and delivers exciting, hands-on lessons. In addition, these programs provide students the opportunities to extend their learning by taking a variety of field trips across the state to gain cultural and academic experiences. The Rights of Passage is a mentoring program for males. This program teaches young males to be leaders in life so they can be successful. Firewall is an afterschool program that provides tutoring for students who are struggling in core academics and mentoring. Crystal Lake Middle School has

received a plethora awards to support student achievement throughout its rich history to include, but not limited to: \$6000 through the Mary Turner Frances grant for student-made poetry books and technology for the garden project. A SeaPerch underwater submersible grant was awarded through the Navy in the amount of \$1,785. Students built an underwater submersible using circuit boards, PVC and motors. The SeaPerch was launched in the otter pool at the Museum of Discovery and Science. We have been awarded approximately \$5200 in Broward Education Foundation grants towards our urban garden, programed robots, aeroponic towers and 3-D printers. The school has been awarded \$2850 in a Fuel Up 360 grant to teach nutrition and fitness to the students. The robotics club was awarded a \$5000 Lego Robotics grant to purchase VEX robots and hire staff to teach students how to program robots. A DART grant was awarded in the sum of \$1,500 for the green house on campus. In the past two-years we were awarded \$500 from The Air Force Association to build rockets in Civil Air Patrol. Crystal Lake Middle School has been recognized as a top school in Broward County for HERO implementation. HERO is a computer based, positive behavior plan being utilized throughout the school. Teachers, students and parents are able to monitor student's behavior points for incentive purposes. Crystal Lake Middle School has also been recognized as a No Place for Hate School and seeks to provide a rich learning environment for all.

### **Additional Information**

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

Crystal Lake Middle School's magnet Pre-Engineering and Science program was redesigned in the 2016-2017 school year. The program now incorporates an Engineering track as well as an Environmental track. Students are awarded a two-hour block in science with one of the blocks focusing on research and project-based learning. Over the past four years Crystal Lake Middle School's robotics teams have won regional tournaments and obtained state bids. Through the Civil Air Patrol program on campus, we had cadets graduate from Winter Encampment (stay on a military base and train with the Military) and is partnership with Embry-Riddle University. Cadets have graduated from Cadet Training Academy, which teaches leadership skills. The Civil Air Patrol elective has grown on campus to now include after school involvement from students who were not able to have the elective included into their schedule. Crystal Lake Middle School provides students with many opportunities outside of the classroom to thrive as a growing student. Students can join basketball, cheerleading, soccer, track, volleyball, and flag football teams. A few of the clubs on campus are National Junior Honor Society, Science Junior Science Society, Mentoring Tomorrows Leaders, National Junior Honors Society, Robotics, Environmental Club, Cougar Ambassadors and Civil Air Patrol.