We prepare students by offering instruction in:

- Product creation and design with Autodesk Inventor, 3D printers, printer cutters, and more…

- Building and programming robots

- Coding in HTML/CSS, JavaScript and Python

- Graphic Design with Adobe Photoshop and Adobe InDesign

- Video Editing with Adobe Premiere

- Animation using Animation-Ish software

- Computer Applications including Microsoft Office and Google Apps Suite

- eSports

Dominick Rizzatti
Principal

Mackenzie McCune
Assistant Principal

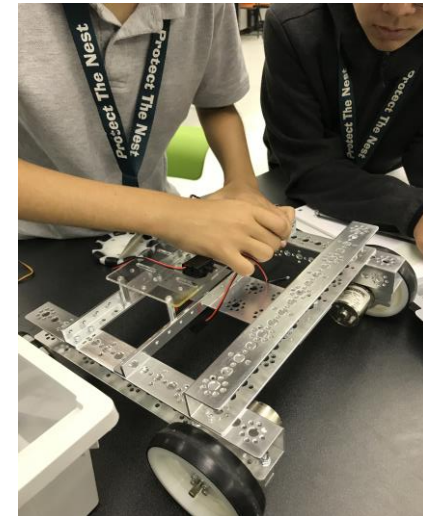**Kristi Mandravellos**
Assistant Principal

Tonya Hodge-Hargrove
Assistant Principal

Eagles Landing Middle School
19500 Coral Ridge Drive
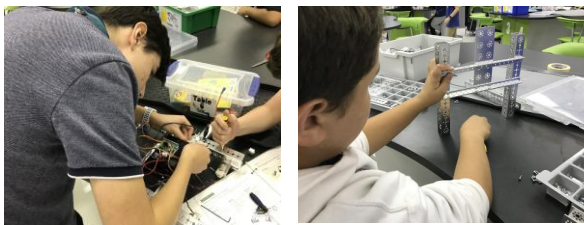**Boca Raton, Florida 33498**

Technology Education

ELMS or "The NEST" strives to prepare students to live and work in the 21st century through RELEVANT LEARNING EXPERIENCES.

Eagles Landing Middle School
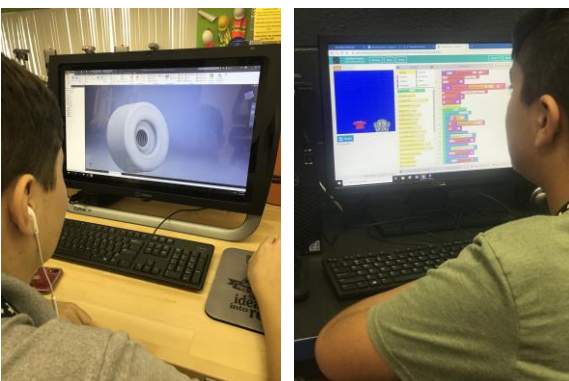Rated "A" School, Five Star School

Pre-Engineering Academy

(Choice program available to all students, regardless of attendance zone.)

Courses (Grade 6, 7, 8)
- **Introduction to Technology**
- **Exploring Technology**
- **Engineering Systems**

The Pre-Engineering Academy is a cutting-edge engineering prep program that incorporates national standards in math, science and technology. In this "learn by doing" program, students use technology to solve everyday real-world engineering problems. Students design 3-dimensional drawings in Autodesk inventor, program robots, and build real world products. Students will be enrolled in a semester engineering course each year of middle school.

Pre-Culinary Arts Academy

In-House Program *(You can only apply to an in-house program if you reside in the school zone.)*

Courses (Grade 6, 7, 8)
- **Exploring Hospitality and Tourism**
- **Fundamentals of Culinary Careers**
- **Nutrition and Wellness/Principles of Food Preparation**

The Pre-Culinary Arts Academy is a three-year preparatory program designed to encourage and prepare students for entry into high school culinary arts career academies or related fields of study. Students who participate in this program acquire knowledge in health and nutrition, culinary careers, entrepreneurship skills, the hospitality industry, and safety and sanitation.

Pre-IT Academy

In-House Program *(You can only apply to an in-house program if you reside in the school zone.)*

Courses
ICT Essentials (Grade 6) - In this course, students will learn computer fundamentals, multimedia presentation skills, graphic design, animation techniques, robotics and coding skills. Students will also have the opportunity to participate in eSports.

Pre-IT Academy continued

Exploring Information Technology Careers (Grade 6) – Thinking ahead to your future career is exciting! Learn about IT Careers and experience what IT professionals do in their job. Students will also have the opportunity to learn about and participate in eSports.

Digital Discoveries (Industry Certification Course, Grade 7) - This course introduces students to Website design using HTML5 (HyperText Markup Language) and CSS (Cascading Style Sheets). Adobe Creative Cloud is utilized to create content for websites.

TV Production (Grade 7 and 8) – Students will create videos for the school as well as create and design the Eagles Landing Yearbook. Adobe Creative Cloud will be utilized for video, graphic design, and photography projects.

Coding Fundamentals (Grade 7 and 8) – Students will learn to code with the Python programming language, get creative with Adobe Creative Cloud, and learn computer applications like the Microsoft Office Suite.

Computer Fundamentals (Industry Certification and High School Credit Course, Grade 8) – Earn Industry Certification in Web Foundations and learn about emerging Internet technologies and networking. Includes IT management curriculum.