

**We prepare students
by offering
instruction in:**

- Product creation and design
3-dimensional drawing in Autodesk Inventor
- Robotics
- Coding in HTML, JavaScript and Apple Swift
- Graphic Design with Adobe Photoshop and Adobe InDesign
- Video Editing with Adobe Premiere and Camtasia Studio
- Computer Applications with Microsoft Office and Google Apps Suite

Coming in the 2020-21 School Year

- **eSports**
- All new culinary state of the art cooking lab



**Joe Peccia
Principal**

**Dr. Feneo Russ
CTE Program Director
Assistant Principal**

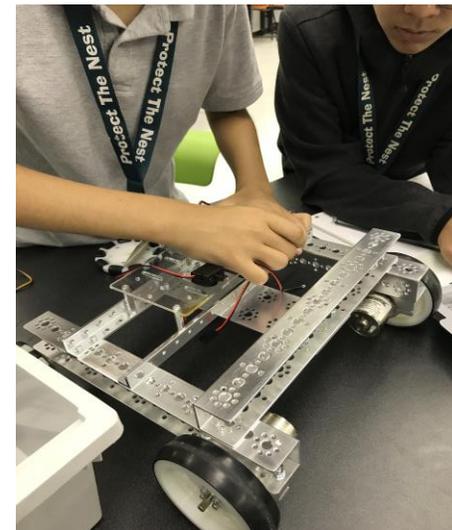
**Kristi Mandravellos
Assistant Principal**

**Thomas D'Annunzio
Assistant Principal**



Career- Technology Education

**ELMS or "TheNEST"
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

Courses (Grade 6, 7, 8)

- **Introduction to Technology I**
- **Introduction to Technology II**
- **Advanced Technology III**

In 6th grade, students participate in hands-on activities that outline how to apply problem-solving skills to real life applications such as transportation, production and communication. In 7th grade, students rotate through a variety of technology related stations. Some of the stations include transportation, drafting, engineering, computer graphics and animation, electronics, and many more. Higher order math skills are strongly recommended due to the nature of the class content. Finally, in 8th grade, students are introduced to industry software packages including Autodesk Inventor. Students learn 3D modeling and use various tools like a 3D printer to make their concepts a reality. In addition, students learn some basic introductory engineering skills that will help them transition into a high school engineering program. We focus on STEM concepts.

Pre-Culinary Arts Academy

Courses (Grade 6, 7, 8)

- **Exploring Hospitality and Tourism**
- **Fundamentals of Culinary Careers**
- **Nutrition and Wellness/Principles of Food Preparation**

The purpose of the culinary program is to assist students in making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Hospitality & Tourism career cluster. Content includes the development of leadership skills, communication skills, and employability skills; exploration of careers in the culinary field; the importance of health and safety in the culinary environment; and the use of technology in culinary-related careers. In the 6th and 7th grade courses, students explore careers in the culinary arts and the skills needed to work in the food/hospitality industry. Students also participate in a variety of academic lessons, hands-on cooking activities and demonstrations. In the 8th grade course, students learn to incorporate the knowledge and skills learned from their 6th and 7th grade Academy classes. They do many activities like compose a menu and a budget, design a restaurant, learn about different culinary cultures while cooking with unusual ingredients and different pieces of equipment, and learn different methods of serving, along with proper serving etiquette.

Pre-IT Academy

ICT Essentials 1, 2 and 3 **Grade 6**

In ICT Essentials 1, students will learn touch typing! Then they will put their skills to work doing fun projects using the Microsoft Office Suite and the Google App Suite. In ICT Essentials 2 and 3, topics covered include problem solving, how networks work, Internet technologies, web design with HTML/CSS, computer programming (JavaScript/Game Design), App Development with Swift, and computer applications.

Creative Photoshop **Grade 7 and 8**

Students will participate in activities that foster making informed decisions regarding their future academic and occupational goals and to provide information regarding careers in the Business Management and administration career cluster. Primary tools infused throughout this course are the Photoshop applications that include selecting and isolating objects, creating image composites and images, setting typography, and improving images with retouching and effects. Students will have a culminating project of creating a magazine.

Industry Certification Courses

In **Grade 7**, students can earn a Site Development Associate Certificate. In **Grade 8**, students can earn an Internet Business Associate Certificate. The 8th grade course is a high school credit class.