



**Now Enrolling K-6th Grades  
2021-2022 School Year**



## Core Instructional Values

- **Emphasis on STEAM Curriculum**
- **Building Critical 21st Century Skills**
- **Project Based Learning**
- **Blended Learning Environment and Practices**

**\*These 4 elements support PTAA's mission that ALL students will be empowered to reach their full potential in college and beyond**

*School Of* ENGINEERING & TECHNOLOGY

# “A” Rated Schools



## Historical Ratings last 3 years

2016-17	<u>Highest Rating</u> MET Standards
2017-18	<u>A Rating</u> Only 32 Charter Schools out of 600 Campuses
2018-19	<u>A Rating</u> 93% Passing Rate

**PIONEER TECHNOLOGY & ARTS ACADEMY**
TEA  
Texas Education Agency

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2 Schools
289 Students Enrolled

### HOW WELL IS THIS DISTRICT PERFORMING OVERALL?

### UNDERSTANDING OVERALL PERFORMANCE

This report card is designed to tell us how well we are helping students reach grade level and how well we are preparing them for success after high school. Much like the grades we give students, we can use these grades to identify ways to help schools improve over time. The overall grade is based on performance in three different areas, or domains, which are noted below.

**STUDENT ACHIEVEMENT**

The Student Achievement domain tells us how much students know and are able to do at the end of the school year.

**SCHOOL PROGRESS**

The School Progress domain shows us how students are performing over time and compares that progress to similar schools.

**CLOSING THE GAPS**

The Closing the Gaps domain tells us how well different populations of students in a district are performing.



**WHAT is STEAM?**



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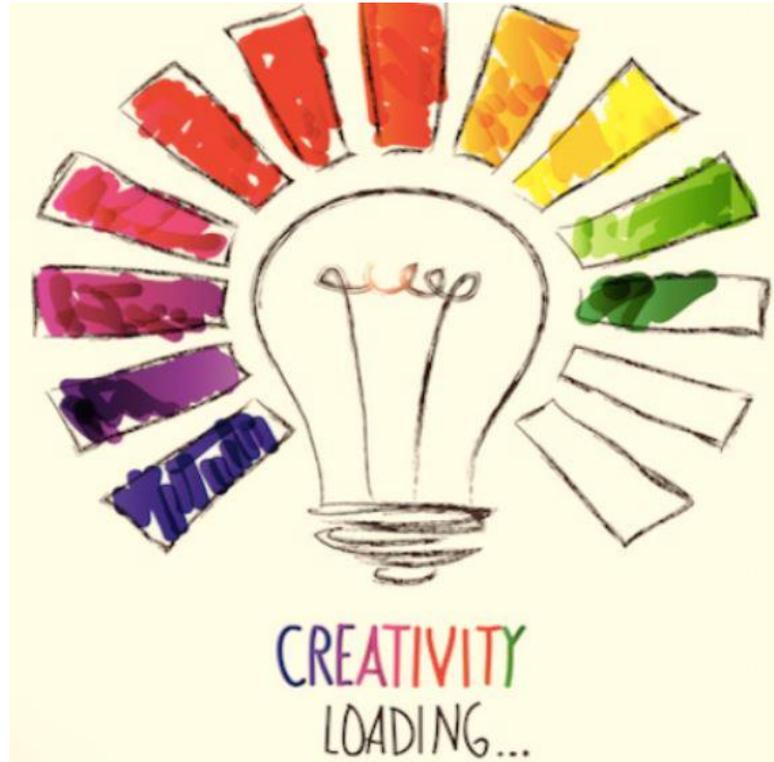
**Science**

**Technology**

**Engineering**

**ARTS**

**Math**



- **Infusing Creativity in All Aspects of Education**
- **Arts Integration improves School Culture and Student Success**
- **Arts Integration Promotes an Environment of Creative Thought and Innovation**
- **Discarding the 'one-size-fits-all' teaching model & meeting all learning styles**

# Technology & Engineering Scaffold Approach

## Elementary, Middle School and High School

Elementary School	
Launch Program	Robotics and Automation, Modeling and Simulation
	Foundational Coding, Critical and Computational Thinking Skills
Middle School	
Gateway Program	Automation and Robotics
	Design and Modeling
	Green Architecture
Computer Science	Android Apps Development, Website Development
	Object Oriented Programming
High School	
Engineering Program	Introduction to Engineering, Computer Engineering, Biomed Engineering
Computer Sciences	Artificial Intelligence (AI Courses), Virtual Reality
	Application Development

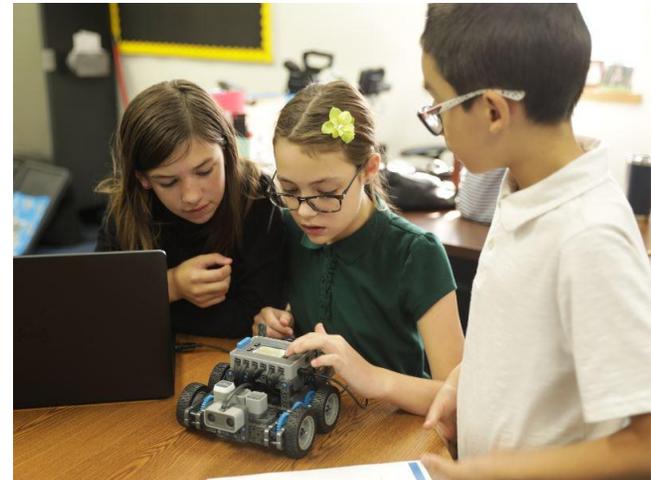
# Aptitude over Age

- **Students taught at Aptitude level.**
- **Students data determine strengths/weaknesses for rotation placement to meet their needs.**
- **PTAA students are challenged to meet higher standards at each age group and encouraged to achieve higher levels in their subjects of interest and strength.**



# Rotation Program

- **Rotation Programs for All Subjects beginning in 4th Grade**
- **Each Rotation taught by Subject Specialist Teacher**
- **Students are placed in subject rotations that align with their aptitude**



# PTAA Industry Partnerships

Partnerships Starting Early to Build Strong Foundations



TEALS Program

Computer science in every high school

The SHARP logo, featuring the word "SHARP" in a bold, white, sans-serif font with a registered trademark symbol, set against a solid red background.



**Wezmore Project**  
**Social Emotional Learning**

**LOCKHEED MARTIN**



# Extra Curricular Sports Determined by School Community Interest Surveys



# Parent Involvement Opportunities

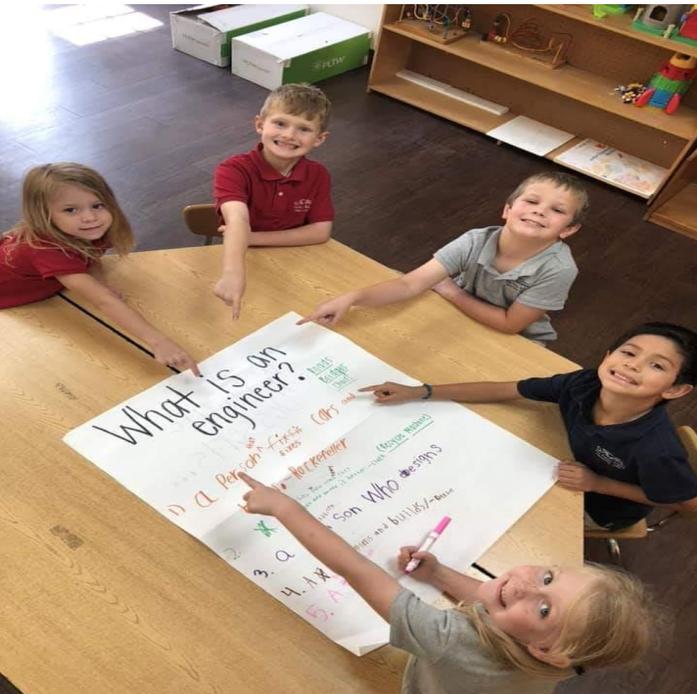


- **Parent/Teacher Organization (PTO)**
- **Volunteers for School Events/Community Projects**
- **Technology Volunteers**
- **K-6 Career Week Speakers**
- **Community Outreach**

# PTAA

LOVE WHAT YOU LEARN

Pioneer Technology & Arts Academy





**Contact: 719-428-4940**

**[cosinfo@ptaaschool.org](mailto:cosinfo@ptaaschool.org)**

**Enroll Today:**

**[https://www.ptaaschool.org/form\\_builder/](https://www.ptaaschool.org/form_builder/)**