

Office of Innovation,
Community Engagement,
Titles/Grants & Special Projects

Career & Technical Education (CTE) Programs



Ms. Faith Alcantara
Executive Director

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Program Overview

1. What is CTE?
2. Components of CTE
Programs of Study
3. Current OHS CTE
Programming
4. Future CTE Programming
5. CTE Month - February
2022



What is CTE?

Career and Technical Education (CTE) is an educational option that provides learners the opportunity to earn industry-valued credentials, college credit, and workplace experiences incorporating a rigorous academic core coupled with a high-level technical curriculum. CTE educates students for a range of career options through the 16 Career Clusters® and 79 career pathways.

NJ Student Learning Standard 9.3 - Career & Technical Education guides the learning in this area, specific to career cluster and pathway, to develop the knowledge and skills for 21st Century Life and Careers. The technical curriculum implemented is interdisciplinary providing learning development in English Language Arts, Mathematics, Science, Social Studies, and Visual/Performing Arts.

Perkins V requires CTE programs of study to support career pathways meeting two of the following three criteria, high wage, in-demand, or high skill. They must culminate in the obtainment of college credit, an industry-valued credential, or enrollment in a registered apprenticeship.

Source: <https://www.nj.gov/education/cte/>



Support career pathways meeting 2 of 3 criteria:
high skill, high wage
and/or in demand



Culminate in the attainment of college credit, an industry-valued credential (IVC), or enrollment in a registered apprenticeship



Provide for work-based learning (WBL) experiences and Career & Technical Student Organization (CTSO) membership



Host a minimum of two Advisory Committee meetings and align with district's Comprehensive Local Needs Assessment

Components of CTE Programs of Study

Accounting

Orange High School



Courses I - III

- Introduction to Business Accounting (Grade 10)
- Accounting I (Grade 11)
- Accounting II (Grade 12)**

Industry Valued Credential (IVC)/ Dual Enrollment

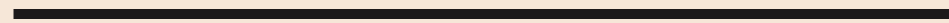
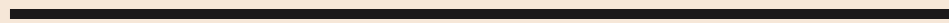
- Intuit Quickbooks
- Syracuse University

Career Technical Student Organization (CTSO)/ Work Based Learning (WBL)

- FBLA
- Exploring opportunities for WBL (job shadowing and internships)

Audiovisual, Technology & Film

Orange High School



Courses I - III

- Introduction to Digital Media (Grade 10 - 11)**
- Digital Media (Grade 10 - 11)**
- Filmmaking (Grade 11 - 12)**

Industry Valued Credential (IVC)/ Dual Enrollment

- Fairleigh Dickinson University

Career Technical Student Organization (CTSO)/ Work Based Learning (WBL)

- SkillsUSA
- Internships on independent film productions, social media marketing

Culinary Arts

Orange High School



Courses I - III

- Diet and Nutrition (Grades 9 - 11)
- Basic Foods (Grades 10 - 11)
- Food Service Preparation (Grades 11 - 12)**

Industry Valued Credential (IVC)/ Dual Enrollment

- ServSafe
- Hudson County Community College

Career Technical Student Organization (CTSO)/ Work Based Learning (WBL)

- SkillsUSA
- "Tornadoes On The Go"
- Montclair Community Farms

Entrepreneurship

Orange High School



Courses I - III

- Business Finance (Grade 10)
- Introduction to Marketing (Grade 10 - 11)
- Entrepreneurship (Grade 11 - 12)

Industry Valued Credential (IVC)/ Dual Enrollment

- Exploring opportunities in both areas
- Approved in the 2020 - 2021 SY

Career Technical Student Organization (CTSO)/ Work Based Learning (WBL)

- FBLA
- Exploring opportunities for WBL (job shadowing and internships)

Graphic Design

Orange High School



Courses I - III

- Graphic Arts (Grade 10 - 11)
- Web Design (Grade 10 - 11)
- Graphic Arts Production (Grade 11 - 12)

Industry Valued Credential (IVC)/ Dual Enrollment

- Exploring opportunities in both areas
- Approved in the 2019 - 2020 SY

Career Technical Student Organization (CTSO)/ Work Based Learning (WBL)

- SkillsUSA
- Exploring opportunities for WBL (job shadowing and internships)

Health Science

Orange High School



Courses I - III

- Introduction to Health Care in Society (Grade 9)
- Dynamics of Health Care in Society (Grade 10)**
- Fundamentals of Health & Wellness (Grade 11)**
- Emergency & Clinical Care (Grade 12)**

Industry Valued Credential/Dual Enrollment

- CPR/AED Certification
- Rutgers University

Career Technical Student Organization (CTSO)/ Work Based Learning (WBL)

- HOSA
- Exploring opportunities for WBL (job shadowing and internships)

Naval JrROTC

Orange High School



Courses I - IV

- Naval Science I (Grade 9)
- Naval Science II (Grade 10)
- Naval Science III (Grade 11)
- Naval Science IV (Grade 12)

Industry Valued Credential (IVC)/ Dual Enrollment

- Seeking approval for
Emergency Medical
Dispatcher Certification

Career Technical Student Organization (CTSO)/ Work Based Learning (WBL)

- Exploring opportunities for WBL
(job shadowing and internships)

All Programs Offer....

Exposure to Careers

Through guest speakers, experiential field trips, job shadowing and internships, career exploration is provided.

Real-World Experiences

Training on industry equipment and software provides opportunity for further preparation for post-secondary study and/or careers.

Equitable Access

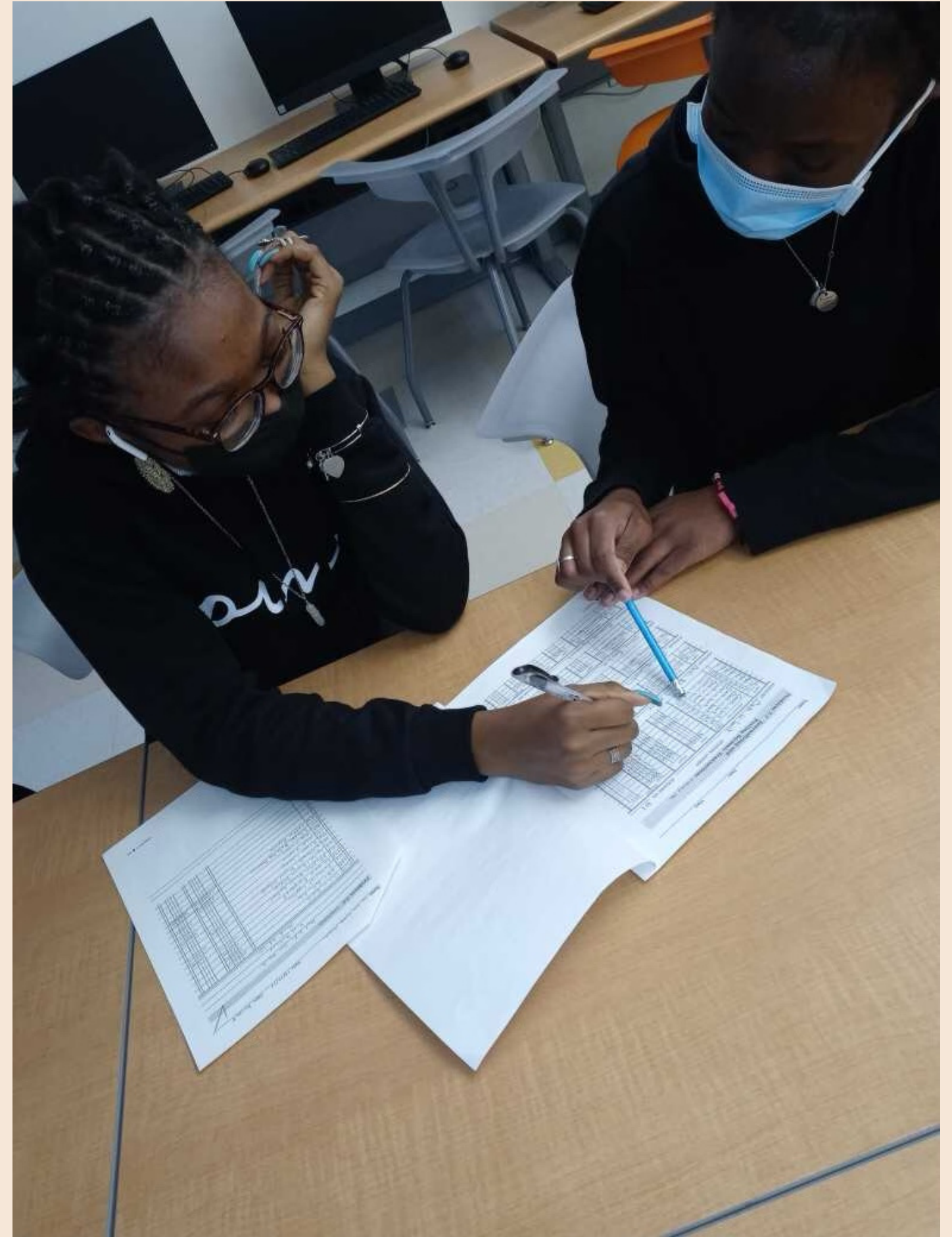
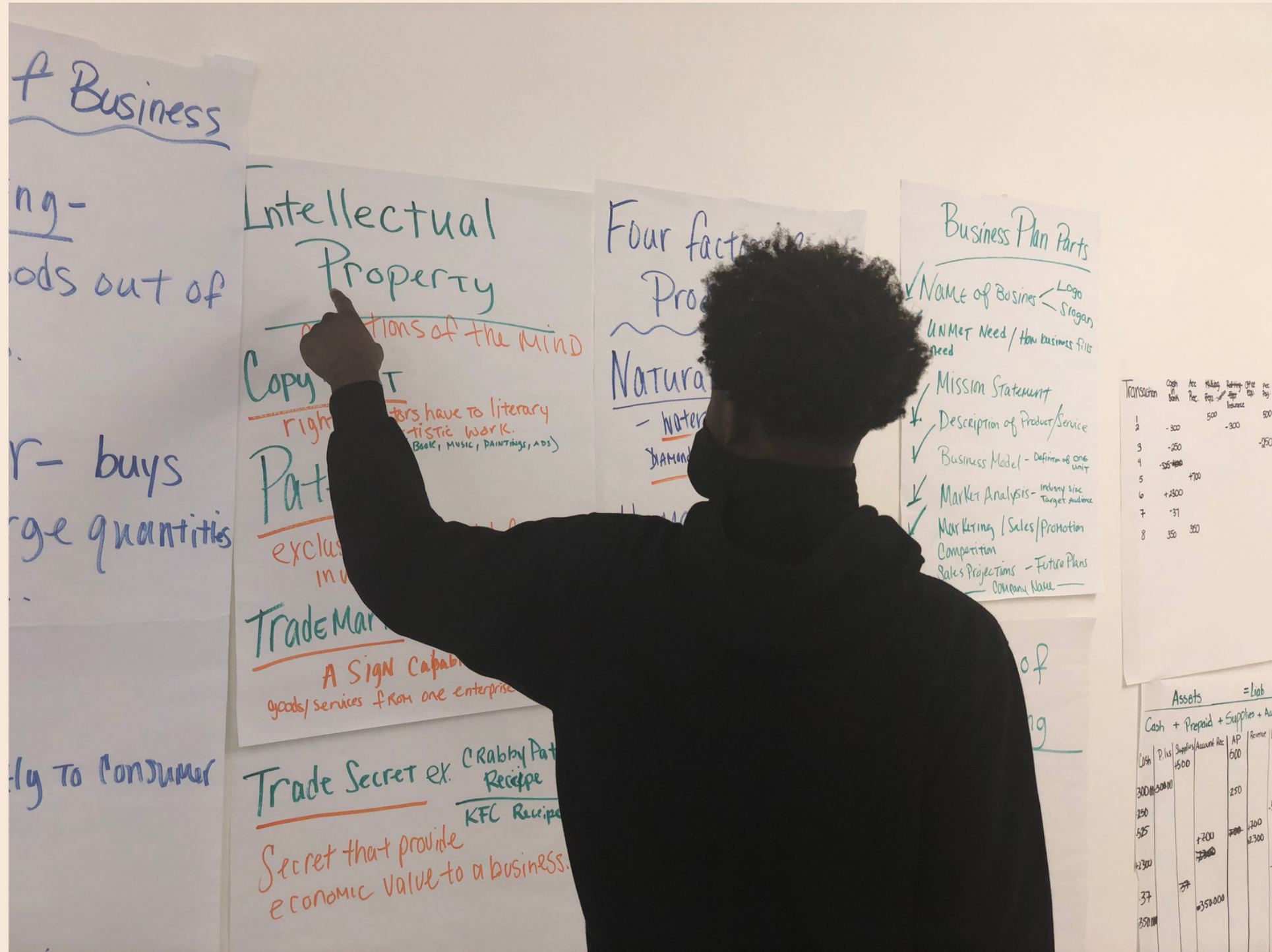
All student subgroups are supported in accessing and succeeding in the designed curriculum.

Opportunities to Explore

College and career interests are peaked through experiences in all courses offered and field experiences gained.



Accounting



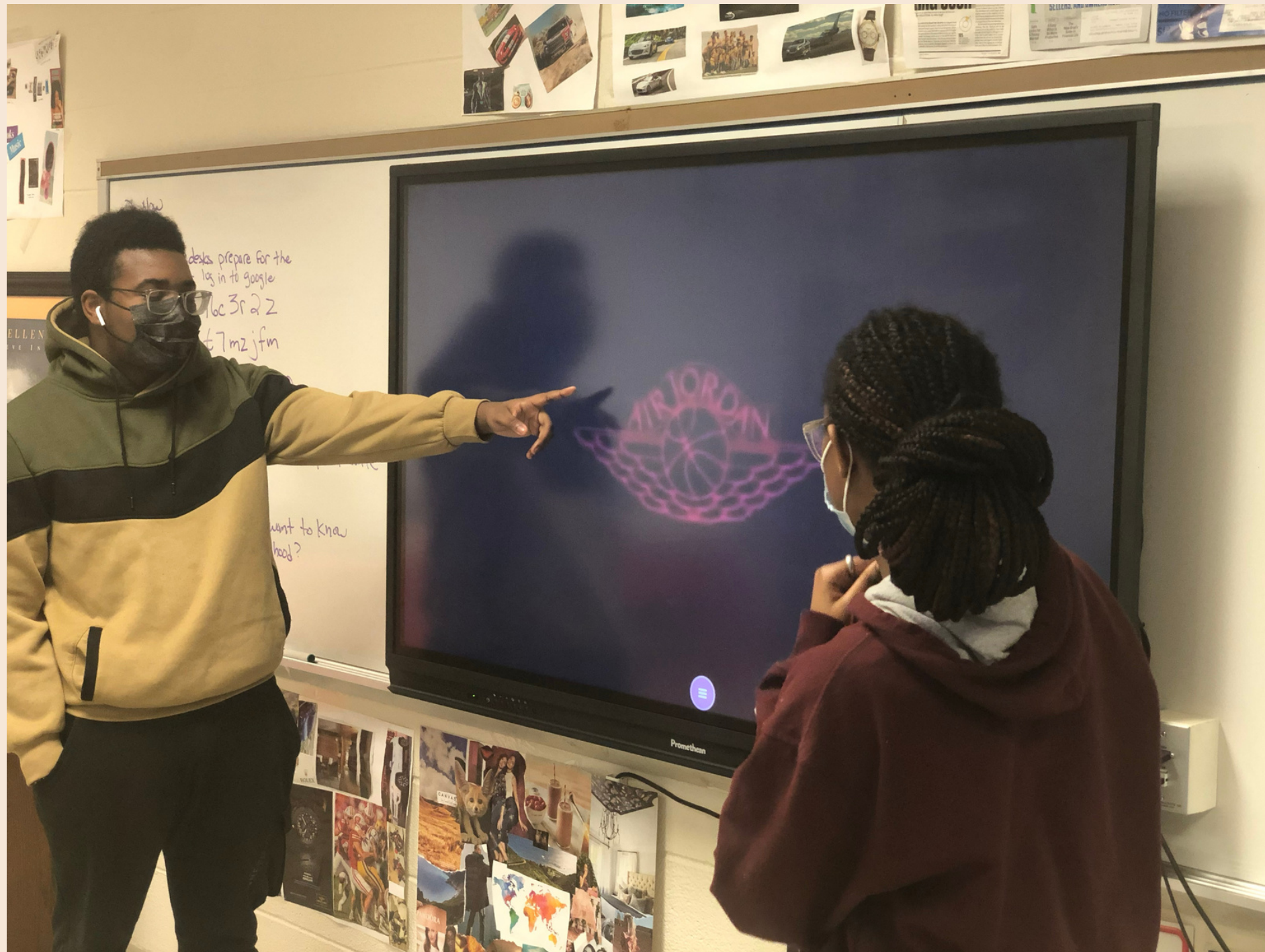


Culinary Arts

Audiovisual, Technology & Film



Entrepreneurship



Graphic Design



Health Science



Naval JrROTC



Future Programming



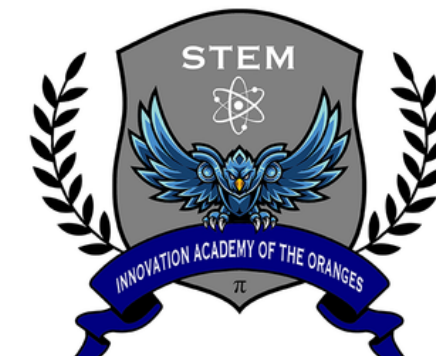
Orange High School

New CTE Program of Study:
Architecture & Design



All District Schools

- Career Interest Exploration
- CTE Information Sessions
- Programs of Study by the end of 2023



STEM Innovation Academy of the Oranges

New CTE Program of Study:
Mechanical Engineering

CTE Month February 2022

Join us for one or more events!

Feb 9/10

CTE Fair

Location: Orange Preparatory Academy and Orange High School

CTE staff and students will provide information on all programs offered.

Feb 11

CTE Showcase I

Location: Orange High School

Events held to showcase our Accounting, Culinary and Filmmaking programs.

Feb 18

CTE Showcase II

Location: Orange High School

Events held to showcase our Entrepreneurship, Graphic Arts, Health Science and Naval JrROTC programs.



ORANGE HIGH SCHOOL



CHOOSE YOUR PATH!



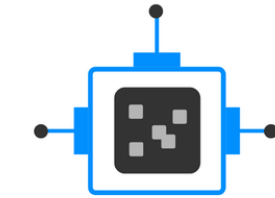
For more information on OHS
Career & Technical Education (CTE)
please scan here



ACCOUNTING



Culinary



CISCO



ENTREPRENEURSHIP



FILMMAKING



Graphic Design



**Health
Science**

