

Miami Valley Tech Prep Consortium 2018 Showcase Results

Showcase Winners

Grand Champion (Tie)

Centerville HS

#Time's Up

Centerville HS

Play by Play

People's Choice

Hamilton HS

Playground Train

Agricultural and Environmental Systems

Natural Resource Management: Group A: Junior / Senior Team

Champion

Centerville HS

Grand Lake Saint Mary's soil and water quality

Runner-Up

Centerville HS

Pollinator Habitat

Natural Resource Management: Group B: Junior / Senior Team

Champion

Miamisburg HS

Factors of Plant Growth

Runner-Up

Miami Valley CTC

Effects of Light on Trout Growth Rates

Arts and Communication

Media Arts: Group A: Junior / Senior Team

Champion

Ponitz CTC

Healthy Sleep Network

Runner-Up

Centerville HS

Showbozzz

Media Arts: Group A: Junior Team

Champion (Tie)

Centerville HS

#Time's Up

Play by Play

Media Arts: Group B: Junior / Senior Team

Champion

Centerville HS

How Programming Affects Your Mood

Runner-Up

Centerville HS

Teens - Giving It To You, Straight From The Heart!

Media Arts: Group C: Junior / Senior Team

Champion

Centerville HS

WCWT Unsolved

Runner-Up

Centerville HS

Taking It To The Next Level

Visual Design and Imaging: Group A: Junior / Senior Team

Champion

Kettering-Fairmont HS

Honor Squad - by Fairmont

Runner-Up

Kettering-Fairmont HS

Kettering STEAM NIGHT

Visual Design and Imaging: Group A: Junior Team

Champion

Ponitz CTC

We-lief

Visual Design and Imaging: Group B: Junior / Senior Team

Champion

Ponitz CTC

Angel Wings

Runner-Up

Warren Co. CC

The Light of Apeirythis "Comic Book"

Business and Administrative Services

Business and Administrative Services: Group A: Junior / Senior Team

Champion

Kettering-Fairmont HS

Teacher Evaluation

Runner-Up

Kettering-Fairmont HS

Business environments in the classroom

Business and Administrative Services: Group A: Junior Team

Champion

Miami Valley CTC

Environmental Damage Prevention for Businesses

Runner-Up

Dunbar HS

Dunbar Presents: The Right Fit- A Job Readiness Boot Camp

Finance: Group A: Junior / Senior Team

Champion

Kettering-Fairmont HS

The Bird's Nest Financial Planning

Construction Technologies

Structural Systems: Group A: Junior / Senior Team

Champion

Kettering-Fairmont HS

UPS Boxes

Runner-Up

Hamilton HS

Playground Train

Structural Systems: Group B: Junior / Senior Team

Champion

Kettering-Fairmont HS

California Wheelchair Ramp

Runner-Up

Hamilton HS

Floating Dock

Education & Training

Early Childhood Education: Group A: Junior / Senior Team

Champion

Centerville HS

Encouraging Risk Taking In the Classroom

Runner-Up

Centerville HS

A Little Goes Along Way in Social Issues

Early Childhood Education: Group B: Junior / Senior Team

Champion

Centerville HS

Stressful Homelives

Runner-Up

Centerville HS

Fascination and Expectation

Teaching Professions: Group A: Junior Team

Champion

Thurgood Marshall HS

The significance of career & technical education.

Runner-Up

Thurgood Marshall HS

The significance of liberal arts education.

Engineering and Science Technologies

Engineering and Design (PLTW): Group A: Junior / Senior Team

Champion

Wayne HS

Lock Authenticator

Runner-Up

Kettering-Fairmont HS

Jet Engine Build

Engineering and Design (PLTW): Group A: Junior Team

Champion

Kettering-Fairmont HS

Rolling Buddy 2.0

Runner-Up

Springboro HS (Warren Co. CC)

Prosthetic hand

Engineering and Design (PLTW): Group B: Junior / Senior Team

Champion

Centerville HS

Graphene Supercapacitor

Runner-Up

Kettering-Fairmont HS

NASA HUNCH PROJECT

Engineering and Design (PLTW): Group C: Junior / Senior Team

Champion

Springboro HS (Warren Co. CC)

Industrial Material Handling Robot

Runner-Up

Wayne HS

The Arm Bar

Engineering and Design: Group A: Junior / Senior Team

Champion

Bethel High School (Miami Valley CTC)

Autonomous Cars

Runner-Up

Little Miami HS (Warren Co. CC)

Miniature Portable Suction Device

Engineering and Design: Group A: Junior Team

Champion

Springfield-Clark CTC

The Hay Saver

Runner-Up

Springfield-Clark CTC

Mastercam School Logos

Health Science

Allied Health and Nursing: Group A: Junior / Senior Team

Champion

Springfield-Clark CTC

Are You Sleep Deprived?

Runner-Up

Kettering-Fairmont HS

Milk Duds

Allied Health and Nursing: Group B: Junior / Senior Team

Champion

Kettering-Fairmont HS

Tiny Heroes

Runner-Up

Springfield-Clark CTC

Dissociative Identity Disorder

Allied Health and Nursing: Group C: Junior / Senior Team

Champion (Tie)

Hamilton HS

Comprehensive Sexual Education

Kettering-Fairmont HS

Safe Snacks

Allied Health and Nursing: Group D: Junior / Senior Team

Champion

Kettering-Fairmont HS

Save-A-Life

Runner-Up

Kettering-Fairmont HS

Hot Shots

Dental: Group A: Junior / Senior Team

Champion

Greentree Acad. (Warren Co. CC)

Hard VS Soft Bristle Toothbrushes

Runner-Up

Greentree Acad. (Warren Co. CC)

Effects of Periodontal Disease on Heart Health

Dental: Group A: Junior Team

Champion

Greentree Acad. (Warren Co. CC)

Manual VS Electric: Which toothbrush is more effective

Runner-Up

Greentree Acad. (Warren Co. CC)

The Benefits of using topical Fluoride in slowing the process of decay

Emergency Medical Services: Group A: Junior / Senior Team

Champion

Springfield-Clark CTC

Stay Alive Think and Drive

Runner-Up

Springfield-Clark CTC

Save Lives: Fire and First Aid Safety

Exercise Science and Sports Medicine: Group A: Junior / Senior Team

Champion

Centerville HS

Let's Stress... Less Stress

Runner-Up

Miami Valley CTC

Are Warm-Ups Overrated?

Exercise Science and Sports Medicine: Group A: Junior Team

Champion

Miami Valley CTC

Affects of Physical Activity on Cognitive Function

Runner-Up (Tie)

Centerville HS

Eating Right For Your Blood Type

Miamisburg HS

Attention Intervention

Exercise Science and Sports Medicine: Group B: Junior / Senior Team

Champion

Centerville HS

Are You FED UP?

Runner-Up

Centerville HS

Daily Boost

Exercise Science and Sports Medicine: Group B: Junior Team

Champion

Centerville HS

"Water" You Drinking?

Runner-Up

Miamisburg HS

No Snooze & You Lose

Exercise Science and Sports Medicine: Group C: Junior / Senior Team

Champion

Centerville HS

Bouncin' Around

Runner-Up

Centerville HS

Whats in your Fridge

Medical Bioscience: Group A: Junior / Senior Team

Champion

Centerville HS

The Path of Least Resistance

Runner-Up

Centerville HS

YoU'Ve Been Warned

Medical Bioscience: Group B: Junior / Senior Team

Champion

Centerville HS

Counter Culture

Runner-Up

Centerville HS

Revo/OCEAN

Medical Bioscience: Group C: Junior / Senior Team

Champion

Centerville HS

How Clean Is Your Screen?

Runner-Up

Kettering-Fairmont HS

The Cure to End All Cures

Hospitality and Tourism

Culinary and Food Services Operations: Group A: Junior / Senior Team

Champion

Centerville HS

First Impressions, how to wow the people

Runner-Up

Centerville HS

Sexual Harassment in the Workplace

Information Technology

Game Development: Group A: Junior / Senior Team

Champion

Centerville HS

Deforester

Runner-Up

Kettering-Fairmont HS

Digital Dawn

Information Systems and Services: Group A: Junior / Senior Team

Champion

Kettering-Fairmont HS

Bluetooth Brush

Runner-Up

Miami Valley CTC

PC Cooling Analysis

Information Systems and Services: Group A: Junior Team

Champion

Ponitz CTC

Raspberry Pi Mouse trap

Runner-Up

Hamilton HS

Big Blue Eye

Interactive Media / Web Development: Group A: Junior / Senior Team

Champion

Xenia HS (Greene Co. CC)

Suicide Awareness

Runner-Up

Xenia HS (Greene Co. CC)

Wild Tires: A Tread Wisely Story

Interactive Media / Web Development: Group A: Junior Team

Champion

Little Miami HS (Warren Co. CC)

B.S.S.A.

Interactive Media / Web Development: Group B: Junior / Senior Team

Champion

Little Miami HS (Warren Co. CC)

Project Panther

Runner-Up

Centerville HS

LPA

Internet Safety & Security: Group A: Junior / Senior Team

Champion

Kettering-Fairmont HS

PC Software Toolkit

Runner-Up

Miami Valley CTC

Virus Comparison - Linux vs. Windows

Internet Safety & Security: Group A: Junior Team

Champion

Miami Valley CTC

VPNs: If You're Not Buying, You Are The Product

Runner-Up

Hamilton HS

Big Blue Screen of Death (BBSOD)

Programming and Software Development: Group A: Junior / Senior Team

Champion

Centerville HS

For the Win Candles

Runner-Up

Miami Valley CTC

ButtleCam

Programming and Software Development: Group A: Junior Team

Champion

Centerville HS

Mark's Camera

Web Design: Group A: Junior / Senior Team

Champion

Springboro HS (Warren Co. CC)

Springboro Percussion Ensemble

Runner-Up

Kettering-Fairmont HS

CTC Web Page

Web Design: Group A: Junior Team

Champion

Centerville HS

St. Francis of Assisi

Junior Reserve Officer Training Corps (JROTC)

Junior Reserve Officer Training Corps: Group A: Junior / Senior Team

Champion

Wayne HS

People Project: Study of the Effects of Personality on Leadership Style

Law and Public Safety

Criminal Justice: Group A: Junior / Senior Team

Champion

Greene Co. CC

Exploring the Benefits of Police Body Cams

Firefighting and Emergency Medical Services: Group A: Junior Team

Champion

Kettering-Fairmont HS

Fire Extinguishers

Manufacturing Technologies

Welding and Cutting: Group A: Junior / Senior Team

Champion

Springfield-Clark CTC

Nature Welding Sculpture

Welding and Cutting: Group A: Junior Team

Champion

Springfield-Clark CTC

Semi logging truck and trailer

Runner-Up

Springfield-Clark CTC

Transportation Welding Sculpture

Marketing

Marketing: Group A: Junior / Senior Team

Champion

Kettering-Fairmont HS

#ichoosemarketing

Runner-Up

Miami Valley CTC

Marketing Plan for Tiny Houses

Marketing: Group A: Junior Team

Champion

Kettering-Fairmont HS

Wi-Firebird Restoration Project

Transportation Systems

Automotive Services: Group A: Junior / Senior Team

Champion

Hamilton HS

Oil filters exposed

Runner-Up

Ponitz CTC

"In it to Win it"

Automotive Technology: Group A: Junior Team

Champion

Greenville HS

The Autonomous Revolution

Automotive: Group A: Junior Team

Champion

Kettering-Fairmont HS

Chevy runs TPMS

Runner-Up

Hamilton HS

Polite Car horn

Aviation Maintenance: Group A: Junior / Senior Team

Champion (Tie)

Ohio Hi-Point CC

UH10-F Stealth Hover Craft

Upper Valley CC

Fly Baby Half Scale Electric Plane

Aviation Occupation: Group A: Junior / Senior Team

Champion

Ohio Hi-Point CC

Airflow using Schlieren Photography

Runner-Up

Upper Valley CC

Futuristic Plane

Aviation Occupation: Group A: Junior Team

Champion

Warren Co. CC

Strawlistics

Runner-Up

Warren Co. CC

Maximum flight time with a hand launched glider