

West Virginia Department of Education

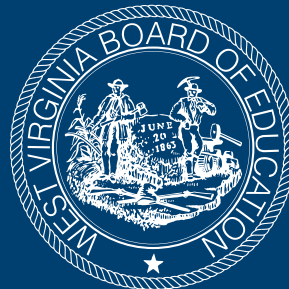
# 2021 STRATEGIC PLAN

## *July 2022 Update to the West Virginia Board of Education*

*State Board Goal 3 | Objectives 1 & 2*

*> Increase school readiness and achievement*

*> Expand college readiness, career readiness, workforce readiness,  
and entrepreneurship*





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2021-2022**

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# I Executive Summary

The July Board of Education Meeting will include an update on the 2021 Strategic Plan for West Virginia Public Schools regarding *Goal 3: Improve Student Achievement and Accountability, Objective 1. Increase school readiness and achievement and Objective 2. Expand college readiness, career readiness, and workforce readiness.*

This document will include *The Office of Teaching and Learning* and *the Office of Technical and Adult Education* updates on the work being designed, developed, and implemented in their offices in collaboration with other offices across the Department and other state/national agencies and businesses. It is not intended to be a comprehensive and complete narrative of all of the programs and services that are being implemented and led within the two offices. However, it does provide a broad, in-depth, and varied chronicle of this work with clear evidence that the goals are being met in a variety of ways per the qualitative and quantitative data provided within the document.

The report is organized around the targeted objectives listed in the Goal 3 Strategic Plan:

- » Increase School Readiness, Achievement, and Expand College Readiness
  - Early Elementary Grades PK- 5
  - Middle School Grades 6-8
  - High School Grades 9-12
- » Expand Career Readiness and Workforce Readiness
  - Simulated Workplace
  - Classroom 2 Career
  - Career and Technical Student Organizations (CTSO) Providing Students Opportunities to Demonstrate College- and Career-Readiness Dispositions
- » Collaborative Efforts with College Readiness, Career Readiness, and Workforce Readiness
  - Southern Regional Education Board (SREB)
  - Innovation in Education Projects
- » Post-High School CTE Opportunities
  - Advanced Career Education
  - Adult Education Opportunities
  - Community Services and Training
- » Appendix A
  - Offices of Technical and Adult Education and Teaching and Learning components and funding sources

If you have further questions, please contact Senior Officer Clinton Burch in the Office of Technical and Adult Education at [ccburch@k12.wv.us](mailto:ccburch@k12.wv.us) or 304-558-2389 or Dr. Sonya White in the Office of Teaching and Learning at [snjwhite@k12.wv.us](mailto:snjwhite@k12.wv.us) or 304-558-8098.

# Increase School Readiness, Achievement, and Expand College Readiness

## **Elementary Grades PK - 5**

West Virginia's longstanding commitment to providing high-quality early and elementary learning programming has resulted in the development of a comprehensive approach to early and elementary learning that emphasizes all areas of children's development. This comprehensive approach includes a focus, beginning in pre-k and kindergarten, on children's emerging social and physical development, in addition to their academic development.

Alongside the development of the WV Universal Pre-K program were content standards that focus on all areas of children's development, including those that encourage children's social competence, peer engagement, problem solving strategies, and development of an awareness of the individuals present in each child's life both at home, at school, and in their community.

The West Virginia Dispositions and Standards for Student Success are integrated into all classrooms to promote children's emerging sense of community, community engagement (such as programs where Veterans or other community members read to classrooms of children, etc.).

Continuing with the fact that all areas of children's development are critically important, particularly during their formative early and elementary years, content areas including technology and computer science, the arts, and physical wellness and engagement are integrated into experiences that focus on children's English language arts, mathematics, science, social studies, and social/emotional learning development.

In the upper elementary grades, children in West Virginia often have the opportunity to participate in local, county, regional, and/or state science and social studies fairs, which give children the chance to articulate their experiences and findings both verbally and through innovative methods.

A sample of initiatives led by the WVDE and partners that promote development of school readiness, college readiness, career readiness, and workforce readiness in the early and elementary grades include:

- » Universal Pre-K for all 4-year olds through collaboration with local schools, Head Start, and private childcare centers
- » Early and Elementary Learning Technical Assistance Center at Marshall University's June Harless Center
- » Third Grade Literacy Initiative
- » Math4Life
- » Integration of Science and Social Studies throughout the school day
- » Dolly Parton's Imagination Library

## **The West Virginia College- and Career-Readiness Dispositions and Standards for Student Success (WVCCRSSS): Key Concepts for Pre-K through Grade 5**

Beginning with the earliest years of children’s schooling, the following dispositions and standards are being utilized by classroom teachers to assure developmentally appropriate methods are consistently used in West Virginia Classrooms.

### **Overarching Dispositions Included in Pre-K through Grade 5 Instruction and Learning:**

Individual Dispositions are observable actions that children can demonstrate independently without interaction.

Initiative Interaction are observable actions that require children to purposefully start social engagement opportunities.

Responsive Interactions are observable actions that require students to engage in reaction to social encounters.

### **Focused Domains Integrated into Pre-K through Grade 5 Instruction and Learning**

- » Personal and Social Development
- » Academic and Learning Development
- » Career Development and Life Planning
- » Global Citizenship

## **Pre-K Access**

For well over a decade, the state’s Universal Pre-K program has been nationally recognized for access, quality, and collaborations with community partners such as Head Start and private childcare centers.



### **Number of Schools/Sites:**

**Total Number of Classrooms: 929**  
**Collaboration Rate: 83%**  
**Counties Participation Rate: 100%**



### **2021-2022 Universal Pre-K Participation**

**Children Enrolled: 13,268**  
**Participation Rate: 66%**

## Dolly Parton's Imagination Library Birth to Age 5

West Virginia is one of approximately 11 states in the nation to offer the Dolly Parton Imagination Library program to all children ages birth to five whose families register them for this free (to families) program.



### **Imagination Library Participation**

**Children Enrolled: 47,207**

**Number of Books Distributed Annually: 504,000**

## Early and Elementary Learning Technical Assistance Center

The work of the 3rd Grade Literacy initiative led to the establishment of the WVDE Early Learning Technical Assistance Center (TAC) at Marshall University's June Harless Center. This TAC, coupled with Early and Elementary Learning staff from the WVDE, work in tandem to provide support across all content areas for districts and schools based on their unique needs.



at Marshall University's  
June Harless Center



### **Number of Schools/Sites:**

**Participating Counties: 55 and WVSDB**  
**Sessions Presented: 102**



### **EEL TAC Services Participation**

**P-5 Educators Served: 3,911**

## Pre-K through Grade 5 Instructional Support Coaching Academies

In its fourth year, the Pre-K through Grade 5 Instructional Support Coaching Academies provided both in-person and hybrid opportunities for county instructional academic coaches, principals, county chief instructional leaders, and others to learn about the fundamentals of academic coaching at the classroom level. This process also allowed participants to regularly learn from existing academic coaches who have worked extensively in the early and elementary grades in coaching roles.



### **2021-2022 Pre-K Through Grade 5 Instructional Support Coaching Academy**

**Participants: 136**

## **Middle Grades 6 - 8**

Middle School Programming builds on the results of early and elementary learning education and transitions students into the high school program. Successful middle school programs are characterized by a culture that is inviting, inclusive, and supportive of all.

- » Significant academic learning experiences, characterized by rigorous content, vigorous instruction, and high expectations for all learners within a developmentally appropriate, safe, and supportive school, are the norm.
- » The middle school experience is challenging, exploratory, integrative, and relevant. Middle school educators use multiple learning and teaching approaches resulting in authentic engagement in active, purposeful learning.
- » Students learn to understand important concepts, develop essential skills, and apply what they learn to real-world problems.
- » The environment and culture of middle school should lead to every student having meaningful supportive relationships with at least one trusted adult advocate who is familiar with the student's academic development and personal goals.
- » The creation of this learning community of both adults and students produces a stable and mutually respectful relationship that supports the students' personal, intellectual, ethical, and social growth.

### ***The West Virginia College- and Career-Readiness Dispositions and Standards for Student Success (WVCCRSSS): Key Concepts for Grades 6-8***

Beginning with middle years of schooling, these dispositions and standards are foundational for all students. During the middle and high school years, teacher led, student advisory systems are utilized to promote the development of these dispositions and standards. The following dispositions and standards are being utilized by middle level (grades 6-8) teachers to assure developmentally appropriate methods are consistently used in West Virginia classrooms.

#### ***Overarching Dispositions Included in Grades 6-8 Instruction and Learning:***

Individual Dispositions are observable actions that children can demonstrate independently without interaction.

Initiative Interaction are observable actions that require children to purposefully start social engagement opportunities.

Responsive Interactions are observable actions that require students to engage in reaction to social encounters.

#### ***Focused Domains Integrated into Pre-K through Grade 5 Instruction and Learning***

- » Personal and Social Development
- » Academic and Learning Development
- » Career Development and Life Planning
- » Global Citizenship



## Career Exploration

Career exploration engages middle school students at a time when they are at a higher risk for disengaging from learning due to challenges in coping with puberty, navigating new environments, and forming interests. It also capitalizes on their developing abilities to think abstractly, and their preferences for teamwork and active learning through relevant real-life scenarios. These preferences make middle school a natural time for students to learn about careers and develop skills such as problem solving, critical thinking, and teamwork through career exploration activities.

<https://wvde.us/middle-secondary-learning/career-exploration/>

All counties implement a comprehensive career exploration middle school experience. This experience may include but it is not limited to Career Technical Education (CTE) Foundational Courses, standalone career exploration courses and mini courses (e.g., Home Economics, Home Repair, Robotics, etc.), field trips, guest speakers, and career mentors.

## Discover Your Future

*Discover Your Future* is a course that will introduce students in grades 6-8 to the sixteen national career clusters and has been designed to be as flexible as possible for schools to implement any way they see fit.

*Discover Your Future* is designed to be taught by any certified middle school teacher via hands-on, two-week modules for a total of thirty-two weeks. In this course, students will explore each of the 16 career clusters in the National Career Clusters Framework.

- » Students will be exposed to career opportunities through real-world, hands-on projects that will influence their high school path and future career and college readiness goals.
- » Resources will include potential guest speakers, field trip suggestions, activities, community projects, etc.
- » Training for instructors is available in two locations this summer: July 18-19 at United Technical Center and July 21-22 at the Academy of Careers & Technology



## STEAM Technical Assistance Center

The West Virginia Department of Education, West Virginia University, and the West Virginia Public Education Collaborative have combined forces to create a Science, Technology, Engineering, Art and Math (STEAM) Technical Assistance Center. The Center strives to enhance STEAM educational opportunities and career pathways among West Virginia middle and high school students, focusing currently on serving students in grades 6-8.



at West Virginia University



### Number of Schools Served

**Middle Schools: 96**  
**Counties: 47**



### STEAM TAC Participation

**Students: 11,950**  
**Teachers Participating in Professional Learning: 175**

## High School Grades 9 - 12

The required high school courses build strong content knowledge and extend disciplines by engaging students in work of quality and substance. In grades 9 and 10, students build foundational knowledge and skills and refine their personalized education plan by choosing coursework for grades 11 and 12. Each student's coursework will be designed to lead directly to placement in entry-level, credit-bearing academic college courses, completion of an industry recognized certificate or license, a workforce training program, or job placement. The completion of high school will prepare all students for *education, employment, and/or enlistment.*

<b>Subject</b>	<b>Number of Credits Required</b>
English Language Arts	4
Mathematics	4
Science	3
Social Studies	4
Physical Education	1
Health Education	1
The Arts	1
Personalized Education Plan » 4 credits in a CTE Program of Study or » 4 credits that lead to post-secondary goals	4
Total Minimum Number of Credits for Graduation	22

*Note: Local districts may require additional credits for graduation.*

### Flexible Options

Students in high school have a myriad of choices related to college- and career-readiness. Flexible graduation requirements allow students to supplement the required coursework with courses and programs allowing for the exploration of careers as well as college coursework through programs such as CTE pathways, dual credit, Advanced Placement (AP), extended learning opportunities, and workplace readiness experiences.

### Extra-Curricular and Co-Curricular Opportunities

In addition to academic offerings, West Virginia high schools offer a variety of extra-curricular and co-curricular activities through sports, arts, music, and community service to provide students opportunities to develop college and workforce skills such as collaboration, leadership, problem-solving, communication, teamwork, public speaking, and project management.

## Free Assessment and Career Tools

All students in Grade 11 take the SAT assessment at no cost to the student. This test provides the student information about their performance in ELA, mathematics, and science, college readiness score, access to customized Khan Academy tutorials for further study, and detailed information about careers including salaries, required training or degree, and career demand in the future.

## Guideposts to Graduation

Guideposts to Graduation uses evidence-based practices and strategies to focus on providing universal, targeted, and intensive technical assistance and support for students with disabilities related to:



- » Dropout prevention
- » Increasing family and student engagement
- » Developing results-oriented secondary transition plans for students with disabilities ages 14 – 21, and
- » Strengthening opportunities for post-secondary economic preparedness among students with disabilities to the maximum extent possible.

## ***The West Virginia College- and Career-Readiness Dispositions and Standards for Student Success (WVCCRSSS): Key Concepts for Grades 9-12***

As students move through their high school years, these dispositions and standards remain foundational for lifelong success. As during the middle school years, teacher led, student advisory systems are utilized to promote the development of these dispositions and standards during the high school years. The following dispositions and standards are being utilized by high school level (grades 9-12) teachers to assure developmentally appropriate methods are consistently used in West Virginia classrooms.

### ***Overarching Dispositions Included in Grades 9-12 Instruction and Learning:***

Individual Dispositions are observable actions that children can demonstrate independently without interaction.

Initiative Interaction are observable actions that require children to purposefully start social engagement opportunities.

Responsive Interactions are observable actions that require students to engage in reaction to social encounters.

Work Skills Interaction are observable actions that require students to demonstrate social skills and dispositions that are expected in the workplace.

### ***Focused Domains Integrated into Grades 9-12 Instruction and Learning***

- » Personal and Social Development
- » Academic and Learning Development
- » Career Development and Life Planning
- » Global Citizenship

## West Virginia College- And Career-Readiness Standards for Technology and Computer Science

WVCCRS for Technology and Computer Science promote proficiency in foundational technology skills, digital literacy, digital citizenship, and computer science. College- and career-readiness is supported in Technology and Computer Science and students acquire and develop their abilities to engage and thrive in a connected, digital world. The standards are designed in grad bands (e.g. K-2, 3-5, 6-8, and 9-12), with a goal of cultivating these skills throughout a student's academic career and challenge them to enhance learning with technology and be agents of their own learning. All West Virginia high schools must offer credit-bearing computer classes

### Dual Credit

Dual credit courses allow students to earn both high school and college credits by meeting the course content requirements for both the standards associated with the high school and college course.



#### **2022 Dual Credit Participation**

**Courses Passed – 15,233**

**Students Enrolled – 7,873**

**Students Passing – 95.47%**

### Advanced Placement (AP®)

Advanced placement (AP®) courses allow students to earn high school credit for the course content requirements. To earn college credit, the student must take and earn a passing score on the associated AP® Exam. The number of credit hours earned, and the corresponding college course aligned to the AP® course are determined by the college or university the student plans to attend.



#### **2022 Advanced Placement Participation**

**Students Passing – 2,703**

**Students Tested – 6,324**

**Students Passing – 42.7%**

## College Scholarship Opportunities



The **Underwood-Smith Teaching Scholars** program is a competitive scholarship for recent high school graduates to pursue a career as a math, science, elementary education or special education teacher in West Virginia. Recipients can receive up to \$10,000 per year for four years. Up to 25 students are accepted annually to receive the Underwood-Smith Teaching Scholarship.



The **Promise Scholarship** is a merit-based financial aid program designed to: 1) improve high school and postsecondary academic achievement through scholarship incentives; 2) promote access to higher education by reducing costs to students; 3) retain the “best and brightest” students in West Virginia colleges and universities; and 4) create a more educated workforce, which, in turn, will lead to greater economic development. Students who began receiving the award after January 1, 2010 receive annual awards up to \$4,750 to cover the cost of tuition and mandatory fees at public or non-profit, private institutions in West Virginia. Awards may be used in conjunction with other forms of state, federal, and institutional financial aid.



### **Promise Scholarship 2021**

**Scholarships Awarded: 9,936**

**Average Amount: \$4,536**

**Total Amount Awarded: \$ 45,066,815**



### **West Virginia Grow Your Own (GYO) Teacher Apprenticeship Program**

The Grow Your Own Pathway gives students a fast-track into the education field through a combination of dual enrollment/Advanced Placement courses and an accelerated pathway. Students can then graduate with a bachelor’s degree in just three years.

High School counselors and partnering institution faculty advisors will assist with scheduling, financial aid, testing requirements, etc. to enroll in the teaching pathway. The goal is for students to graduate high school with a minimum of 30 hours of dual enrollment/AP credits, including the four introductory education courses. Participants will enter college classified as a sophomore. During their junior and senior years of high school, students will have the opportunity to spend time in real-time classrooms in their home county schools.



### **County and College/University Participation**

**Number of Counties: 29**

**Number of Colleges/Universities: 18**

## Student Opportunities to Demonstrate College- and Career-Readiness Dispositions

WVDE hosts many events and competitions providing students with opportunities to develop college and workforce skills such as collaboration, leadership, public speaking, and project management as students expand their knowledge of academics and current events.

### WV State Science and Engineering Fair Grades 3 - 12

The West Virginia Science and Engineering Fair provides opportunities for students to ask questions about their world and discover how the world works. Students who participate in science fairs learn problem solving and critical thinking skills that can be used throughout their lifetime. Scientific methodology, logical thinking, math, statistics and data analysis, computer science, as well as reading, writing, grammar and spelling, and graphic arts, and other skills are employed as students ask questions, research and develop projects, collect data, make conclusions based on evidence, and communicate their findings to others.



While science projects may serve to inspire future scientists, the skills acquired during the scientific investigations and presentations will benefit students as they continue their education and become business owners, innovators, managers, and employees.



#### Participation

**Number of Counties: 24**



#### Science and Engineering Fair 2022 Participation

**Grades 3 – 5: 75**  
**Grades 6 – 8: 68**  
**Grades 9 – 12: 45**

### WV State Social Studies Fair

Social studies education is essential for the preservation and improvement of our constitutional democracy. Effective social studies education must afford students the opportunity to ask essential questions, recognize patterns of behavior, think critically, create solutions, predict outcomes and draw conclusions to help them learn to solve problems. The West Virginia State Social Studies Fair provides the opportunity for students to excel in these realms.



#### Participation

**Number of Counties: 36**



#### Social Studies Fair 2022 Participation

**Grades 3 – 5: 158**  
**Grades 6 – 8: 174**  
**Grades 9 – 12: 83**

### **WV Academic Showdown**

The West Virginia Academic Showdown is a head-to-head competition between West Virginia high school teams, and a partnership among the West Virginia Department of Education, the West Virginia Higher Education Policy Commission, West Virginia Public Broadcasting, and the West Virginia Department of Arts, Culture, and History. Competition questions cover literature, math, history, science, geography, fine arts, religion/mythology, social science, philosophy, current events, pop culture and general knowledge. Schools may create teams of four students from Grades 9 – 12 with an optional fifth team member who serves as an alternate.



### **Academic Showdown 2022**

- Number of Counties: 11**
- Number of Teams: 22**
- Number of Students: 101**

### **Arts Alive**

Arts Alive is the West Virginia Department of Education’s annual event to showcase outstanding arts education programs and student achievements in public schools. The work included in Arts Alive is selected from state arts conferences, festivals and exhibits throughout West Virginia.



### **Participation**

**Number of Counties: 27**



### **Arts Alive 2022 Participation**

	<b>Performance Arts</b>	<b>Visual Arts</b>
<b>Grades PK – 5:</b>	<b>4</b>	<b>76</b>
<b>Grades 6 – 8:</b>	<b>58</b>	<b>39</b>
<b>Grades 9 – 12:</b>	<b>37</b>	<b>82</b>

## **West Virginia Governor's Schools**

The State of West Virginia and the West Virginia Department of Education (WVDE) are pleased to offer annually at no cost, premier summer programs for students who are entering Grades 8 through 12 in the fall.



The faculty and staff for all the West Virginia Governor's Schools are carefully selected, and they share exciting, motivating, specially-designed instruction. Students attend workshops, classes, and a variety of stimulating extra-curricular activities in the areas of arts, humanities, mathematics, science, and technology. There are four West Virginia Governor's Schools available for students to attend each summer. Students submit an application in order to be considered for acceptance into one of the West Virginia Governor's Schools.

The four schools are:

- » **The Governor's Honor Academy (GHA)** is for students who have completed Grade 11. Students attending spend two weeks on a university campus completing an in-depth study of a variety of topics with peers and professors.
- » **The Governor's School for the Arts (GSA)** is for students who have completed Grade 10 and exhibit talent in the literary and performing and visual arts. Students attending the GSA are taught by practicing professionals in their respective fields of writing, dance, music, acting, and drawing/painting.
- » **The Governor's School of Entrepreneurship (GSE)** is for students entering Grades 9 - 11 and demonstrate an interest in creating, inventing, and starting a business that could thrive and prosper in West Virginia.
- » **The Governor's STEM Institute** is for students entering Grades 8 or 9 in the fall. Students work with mentors and college faculty on a specific research theme in a virtual laboratory or field setting.



### **Governor's Schools 2022 Participation**

**GHA: 83**

**GSA: 79**

**GSE: 27**

**WVU STEM Institute I: 50**

**WVU STEM Institute II: 49**

**Green Bank STEM: 60**



# Expand College Readiness, Career Readiness, and Workforce Readiness

## Simulated Workplace

Simulated Workplace is an instructional environment that creates a high-quality workplace culture, providing students opportunities to learn business/industry processes and procedures.



### **Number of Schools/Sites:**

**High Schools: 122**  
**Career Centers: 23**  
**Multi-county Centers: 7**  
**Specialized: 1**



### **Number of Participants:**

**Completers – 6,858**  
**Participants – 38,082**  
**Concentrators – 25,368**

- » **60%** of the students who met the workforce entry score
- » **531** students received Governor’s Workforce Credential
- » **1,488** students earned college credit
- » **53%** of students exceeded state averages
- » **47%** of students exceeded national averages

### **Placement**

- » Advanced Training – 3,017
- » Military Service – 198
- » Employment – 2,529

### **Industry Recognized Credentials**

Industry recognized credentials are a way for students to demonstrate proficiency in knowledge and skills. They can increase job prospects and options for post-secondary education as well as increase their marketability to employers.

- » Over 2,800 Microsoft Certifications earned
- » 8213 total numbers of 2021 High school Graduated that Earned an EDGE Credit
- » 633 West Virginia Welder certifications earned
- » 5246 NCCER Certifications earned by West Virginias students
- » 4212 OSHA 10 hours Safety Certification earned (through Career Safe)

## Student Certifications & Licenses

West Virginia's career technical education (CTE) programs give students the ability to gain industry recognized credentials to generate career and educational options for them upon graduation. Students may also obtain the Governor's Workforce Credential signifying to potential employers they are work ready.



### AGRICULTURE

- » Beef Quality Assurance Certification
- » Certified Logger - West Virginia Forestry Association
- » Certified Professional Horticulturist
- » FFA State Degree
- » IADC Rigpass



### FINANCE

- » Intuit QuickBooks Certified User (QBCU)
- » Microsoft Office Specialist (MOS)-Excel Expert



### ARCHITECTURE & CONSTRUCTION

- » American Design and Drafting Association (ADDA)
- » Electrician Journeyman License
- » EPA 608 Universal Certification
- » NCCER - Core Certification & NCCER - Craft Level 1 & 2 Certification



### GOVERNMENT & PUBLIC ADMINISTRATION

- » DoDI 1205.13 - 5.2.5.1. - Advanced Enlistment Promotion



### ARTS, A/V & COMMUNICATIONS

- » Adobe Certified Associate Certifications
- » Adobe Certified Associate Video Design & Web Design Specialist
- » Certified Broadcasting Technologist (CBT)



### HEALTH SCIENCE

- » American Fitness Professionals and Association Certification
- » Biotechnician Assistant Credentialing Exam (BACE)
- » Certified Electrocardiogram (ECG/EKG) Technician
- » Certified Health Unit Coordinator
- » Certified Medical Assistant
- » Certified Nursing Assistant (CNA)
- » Certified Patient Care Technician
- » Certified Phlebotomy Technician
- » Clinical Medical Assistant (CCMA)
- » Electronic Health Record Specialist
- » Emergency Medical Responder (EMR)
- » Emergency Medical Technician (EMT) – (WV Certification & National Registry)
- » Medical Administrative Assistant Certification (CMAA)
- » Medical Laboratory Assistant
- » National Entry Level Dental Assistant (NELDA)
- » ExCPT-Exam/Pharmacy Technician Certification Board (PTCB)
- » Registered Dental Assistant Certification



### BUSINESS MANAGEMENT & ADMINISTRATION

- » Concepts of Entrepreneurship and Management Certification



### EDUCATION & TRAINING

- » Apprenticeship for Child Development Specialist (ACDS)
- » Early Childhood Classroom Assistant Teacher (ECCAT)
- » Praxis Core Academic Skills for Educators (Core)



## **HOSPITALITY & TOURISM**

- » American Culinary Federation (ACF) Certified Fundamentals Cook (CFC) & Pastry Cook (CFPC)
- » Certified Guest Service Professional (CGSP)
- » Certified Hospitality & Tourism Management Professional (CHTMP)
- » ServSafe Certification for Managers



## **MANUFACTURING**

- » Electronics Technicians Association (ETA) CETa
- » FAA Part 107 Remote Pilot Certification
- » FANUC Certified Robot Operator-1 & 2
- » National Institute for Metalworking Skills (NIMS)
- » WV Welders Certification FCAW, GMAW, GTAW & SMAW Pipe



## **HUMAN SERVICES**

- » WV Board of Barbers & Cosmetologist License
- » Pre-Professional Assessments & Certifications (Pre-PAC) in Family and Consumer Sciences



## **MARKETING**

- » Fundamental Marketing Concepts Certification



## **INFORMATION TECHNOLOGY**

- » Autodesk Certification
- » CCNA/Cisco Certified Entry Level Technician (CCENT)
- » CompTIA A+ 220-901 & 220-902
- » CompTIA Network +N10-006 & +N10-007
- » IC3 (Internet Core Competency Certification)
- » Microsoft Office Specialist (MOS) & Master Certification



## **SCIENCE, TECHNOLOGY, ENGINEERING & MATHEMATICS**

- » American Design and Drafting Association (ADDA)
- » REC Foundation Pre-Engineering and Robotics Industry Certifications



## **LAW, PUBLIC SAFETY, CORRECTIONS & SECURITY**

- » Association of Public-Safety Communications Officials (APCO)
- » Certified Criminal Justice Professional
- » Fire Fighter I & II - National Fire Protection Association Standard 1001
- » National Incident Management System (NIMS) 100, 200, 700 & 800



## **TRANSPORTATION, DISTRIBUTION & LOGISTICS**

- » Automotive Service Excellence (ASE) Entry-Level Certification
- » Caterpillar-CAT Basic Certifications
- » Equipment and Engine Training Counsel (EETC)-Small Engine Certification

## Classroom 2 Career

Work-based learning provides students with real-world work experience by connecting on-the-job training to related technical instruction and academic competencies that can be applied in the workplace. The goal of work-based learning is to create potential fulltime, entry-level job opportunities for students.



The West Virginia Department of Education (WVDE) reported a 26.9% work-based learning participation rate of all high school students on the Consolidated Annual Report submitted to the United States Department of Education for the 2020-2021 school year. This surpassed the state determined level of performance goal of 10% for high schools across West Virginia.

The WVDE’s Office of Technical & Adult Education is working to create and expand work-based learning opportunities for Career Technical Education (CTE) students by developing a state-wide system to track and manage students’ work-based learning activities, such as community service projects, clinicals, and internships/apprenticeships. Additional resources can be found on [wvclassroom2career.com](http://wvclassroom2career.com).

- » Total number of hours: 31,076 (2021-2022 was the pilot year to test the system)
- » Classroom 2 Career will be launched statewide to all high schools during the 2022-2023 school year.
- » Established three new career pathways that include: Entrepreneurship Pilot Pathway, E-Commerce Pilot Pathway, Nursing Pathway

	<i>Career Learning</i>	<i>Career Preparation</i>	<i>Career Experience</i>	<i>Total</i>
Total Participants	21	314	5	340
Total Hours	268	106,742	1,271	108,281
Total Business Partners	26	39	6	71
Total Business Signatures on Timecards	7	23	5	35
Total Paid	0	16	5	21
Total Unpaid	12	11	0	23
Average Wage Paid	\$0.00	\$4,788.40	\$2,749.00	\$4,603.00
Total Wage Paid	\$0.00	\$846,287	\$16,480.00	\$862,737.00
Total number of Certificates	1	5	0	6
Average Wage Per Hour	0	\$11.88	\$13.00	\$10.80

## Economic Projects Impacting Communities

WVDE challenged Simulated Workplace companies to participate in an innovative community impact project competition that will positively affect local economies. The Economic Projects Impacting Communities (EPIC) Competition magnifies the Simulated Workplace company's collaborative and creative abilities into a showcase of technical skills through developing, designing and constructing an innovative community impact project for public, private, commercial, or residential use. The goal of the competition is to enhance students' technical skills and creativity while making an impact within their local community.



- » **13 Middle School CTE Exploration grants** were awarded during the 2021-2022 school year, that will allow schools to creatively recruit and showcase CTE programs to middle school students.
- » **18 EntreEMERGE grants** were awarded to CTE programs across the state during the 2020-2021 school year. The funding allowed students to launch a startup entrepreneurial venture at their school. The student-centered micro-business provides high school students the opportunity to creatively showcase the products and goods crafted within their Simulated Workplace Company.
- » **8 EntreAG grants** were awarded to CTE programs across the state during the 2020-2021 school year. EntreAG expanded opportunities for FFA and Supervised Agricultural Experience programs across the state by making impactful investments into equipment and infrastructure to foster and grow school-based enterprises.
- » 2021 Supervised Agricultural Experience (SAE) Highlights:
  - 5,023 SAE Projects
  - 55% of Students have an SAE
  - Statewide Economic Impact \$3,647,703
  - 141,055 hours invested into SAE work
  - 13,288 Hours of Community Service

## Highlights

- » **Hundred High School: The Funky Florist** received an EntreEMERGE grant from WVDE to expand their school's florist operation known as the Funky Florist. With the grant money, they were able to obtain a storefront to help grow this expanding business! The Funky Florist allows students to learn the art of floral design and the techniques required to be a skilled florist. Students are also hired to run the Funky Florist after school hours as well as throughout the summer for special occasions. As the only florist in a twenty mile plus radius, the Funky Florist has become a huge business in the community.
- » **Nicholas County Career & Technical Center: The Good Gauley Coffee Company** is a student-operated roastery and coffee shop based out of the Nicholas County Career and Technical Center in Craigsville, West Virginia. ProStart students personally roast the beans to perfection, and the talented baristas also serve up the finest specialty coffee drinks. The carpentry and electrical programs were instrumental in the physical construction of the coffee shop, and the Project Lead the Way and graphic design programs created the signage, logos, and custom merchandise for sale in the coffee shop and online.
- » **Calhoun Gilmer Career Center, Star Gazing Cabin:** Calhoun County is one of the top destinations in the country for astronomers to star gaze. Students constructed an innovative cabin with for Calhoun County Parks to accommodate astronomers who visit the park for the "Dark Skies" experience. The cabin also provides additional lodging options, serving as a rental for out of town visitors attending local festivals and other community functions in the county.

## Option Pathway

Option Pathway provides at-risk students the opportunity to earn a high-school diploma by passing the high-school equivalency test and completing a Career Technical Education Program of Study.



**Number of Schools/Sites:**

**96**



**Number of Participants:**

**2,110**

- » **1,385** Option Pathway graduates
- » **87** HSEA Opportunity (Option 3) completers earning WV HSE diploma
- » **7** tests with perfect (800) score

## CTE Scholarships



**Albert Yanni**  
SCHOLARSHIP

The **Albert Yanni Scholarship** provides high quality career and technical education (CTE) students an opportunity to pursue advanced education and/or training related to their career aspirations.

Scholarships of \$2,000 each will be awarded to students selected by a committee of West Virginia Department of Education (WVDE) personnel.

Applicants selected must present proof that they have maintained their eligibility requirements before awards are presented.

- » 30 students selected to receive the Yanni scholarship for 2022

## Career and Technical Student Organizations (CTSO) Providing Students Opportunities to Demonstrate College- and Career-Readiness Dispositions

Career and Technical Student Organizations integrate into CTE programs and courses. CTSOs extend teaching and learning through innovative programs, business and community partnerships and leadership experiences at the school, state and national levels. CTSOs are a powerful avenue for helping our nation address key challenges such as workforce development, student achievement, and economic vitality.



**1,028 students competed nationally with 10% placing in the top 10**

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### National Technical Honor Society



**Number of Participants: 1,141**



The National Technical Honor Society is an educational non-profit that honors, recognizes, and empowers students and teachers in Career Technical Education. NTHS honors student achievement and leadership, promote educational excellence, award scholarships, and enhance career opportunities for the NTHS membership.

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### SkillsUSA West Virginia



**Number of Participants: 4,436**



SkillsUSA WV is a nonprofit organization that collaborates with students, teachers, and administrators in Career Technical Education (CTE). The organization connects students with industry leaders who are seeking a skilled workforce. SkillsUSA West Virginia empowers its members to become world-class workers, leaders, and responsible American citizens.

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### West Virginia TSA



**Number of Participants: 422**



The Technology Student Association is the only student organization devoted exclusively to the needs of students interested in technology. TSA provides benefits for students to gain enhanced technological literacy and leadership skills, meet and work with business and industry leaders, receive a voice in a national organization that is helping to shape the future of technology education, and much more.

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## **West Virginia DECA**



**Number of Participants: 509**



WV DECA prepares emerging leaders and entrepreneurs in marketing, finance, hospitality, and management for high schools and colleges. DECA is organized into two unique student divisions each with programs designed to address the learning styles, interest, and focus of its members. DECA Inc. is a 501© (3) not-for-profit student organization with more than 215,000 members in all 50 United States, the District of Columbia, Canada, China, Germany, Guam, Mexico, Puerto Rico, and Spain.

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## **West Virginia ProStart Invitational (Hospitality Cup)**



**Number of Participants: 64**



ProStart is a nationwide, culinary arts high school program developed by the National Restaurant Association Educational Foundation.

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## **West Virginia Educators Rising**



**Number of Participants: 224**



Educators Rising West Virginia is a state affiliate of the national Educators Rising organization, a division Phi Delta Kappa International. Educators Rising is committed to preparing students for classroom careers and to be change agents in their communities.

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## **West Virginia HOSA**



**Number of Participants: 659**



The mission of HOSA is to empower HOSA-Future Health Professionals to become leaders in the global health community through education, collaboration, and experience.

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## **West Virginia FFA Association**



**Number of Participants: 5,432**



The FFA is a national organization dedicated to preparing members for leadership and careers in science, business, and technology of agriculture. FFA makes a positive difference in lives of students by developing their potential for premier leadership, personal growth, and career success through agricultural education.



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## **West Virginia FCCLA: Family, Career, and Community Leaders of America**



**Number of Participants: 255**

FCCLA is a student lead organization that upholds its promise of being 'The Ultimate Leadership Experience'. Family and Consumer Sciences students across the country learn to become well-prepared leaders that leave school career ready. West Virginia FCCLA'S purpose is to provide opportunities for personal development and preparation for adult life, strengthen the function of the family as a basic unit of society, encourages democracy through cooperative action in the home and community, and much more.

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## **West Virginia FBLA: Future Business Leaders of America**



**Number of Participants: 576**

WV FBLA extends teaching and learning through innovative programs, business, community partnerships, and leadership experiences at the school, state, and national levels. West Virginia FBLA mission is to excel in professionalism, career development, and preparation for post-secondary school and/ or the workforce.

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## **WV JROTC**



**Number of Participants: 1,034**

Junior Reserve Officer Training Corps (JROTC) mission is to teach students citizenship, leadership, character, and community service. The core values are at the heart of JROTC, whose creed emphasizes working to better the cadet's family, school, and country.

# Collaborative Efforts for Expanding College Readiness, Career Readiness, and Workforce Readiness

## **Southern Regional Education Board (SREB)**



### **High Schools that Work**

**Number of Schools: 11**



### **Technology Centers that Work**

**Number of Schools: 17**

SREB's Making Schools Work school improvement process is grounded in the belief that increasing student achievement begins with increasing student effort. SREB's school improvement framework for high schools — *High Schools That Work* — brings teachers, counselors, school leaders and industry partners together to focus on engaging instruction, aligned curriculum, career pathways, systems of support and leadership for continuous improvement.

SREB's school improvement design for technology centers — *Technology Centers That Work* — helps leaders and teachers adopt continuous improvement practices that foster rigorous academic and career pathway curricula, project-based instruction, work-based learning, and personalized supports.

SREB has identified 10 key school and classroom practices that positively impact student effort and achievement:

1. High Expectations
2. Programs of Study
3. Integrated Curriculum
4. Access and Equity
5. Student Engagement
6. Teacher Collaboration
7. Work-Based Learning
8. Guidance and Advisement
9. Intervention and enrichments
10. Culture of Continuous Improvement

### **Real World/On-the-job training Provided through Business and Local School District Partnerships Extended Learning Opportunities**

Students can participate in credit bearing through Extended Learning Opportunities. This allows for the primary acquisition of knowledge and skills through instruction or study outside of the traditional classroom.

### **Credit-bearing workplace readiness experiences**

Students can gain high school credit through employment and internship programs. One prime example is the work the Education Alliance is doing with WV counties involving internships with companies such as Toyota Motor Manufacturing of WV, Dominion Energy, WV American Water, and Appalachian Power. The four-week program provides students with opportunities to explore future jobs, earn money, and build a resume for college or careers.

## ***Innovation in Education Projects***

### **Competency Based Learning Grades 9 - 12**

The West Virginia Department of Education (WVDE), the Education Alliance (EA), and the Great Schools Partnership (GSP) continue to work together to support a Professional Learning Group for building and district leaders from the participating high schools. The partnership allows the participating schools to collaborate and build best practices around competency-based learning.



#### ***Participation***

***Number of Schools: 9***

### **Empowerment Academies/Districts Grades K - 12**

Empowerment Academies/Districts encompass all areas of STEM and is a WVDE and SREB collaboration supported by SREB's Key Practices for Improvement.

Empowerment Academies address the following Protocols:

- » Workplace Environment
- » Authentic Learning (Includes Competency Based Learning)
- » Entrepreneurial Mindset
- » Supportive Structures

Empowerment Academy Districts and Schools allow classrooms to become student “workplaces” to develop skills and dispositions needed in the world of work.



#### ***Participation***

***Number of Counties: 4***

# I Post-High School CTE Opportunities

## Advanced Career Education

Advanced Career Education (ACE) offers credentials, certifications, licenses, and on-the-job training opportunities in growing industries across the state, creating a highly skilled talent pipeline for West Virginia.



- » **21 Nationally Accredited institutions** by the Council on Occupational Education (COE). Accredited institutions may utilize Title IV federal funds and other federal financial aid programs. Continued accreditation is determined annually by the COE Commission’s approval of the institution’s annual performance report.
- » **ACE Advantage Funds**, a new FTE funding source, was awarded to institutions offering ACE programs across the state during the 2020-2021. These funds are to operate and manage ACE programs. The intent of the ACE Advantage funds is to reduce and/or eliminate the overall cost for a student to attend an ACE program.

### Highlights

- » **Entrepreneurship Lab** is a student and community Entrepreneur Center located at James Rumsey Technical Institute. (additional locations coming soon) Clients can expect assistance with start-up business planning, business entity development, budgeting and income projection, product development, marketing, and license and/or permitting requirements. The purpose of this lab is to offer business advice to aspiring entrepreneurs. Networking opportunities, group workshops, and a co-working space is available.
- » **WV General Building Contractor** course was offered at 4 Career Centers. This course provides participants with live instruction, resources, and the required textbooks needed to pass the Contractor’s license exam. There was no cost to participate in the test prep.

	County	Total Graduates	Programs Offered
1	Berkeley	98	Automotive Technology, HVAC Technician, Surgical Technology, Practical Nursing, Truck Driving, Electrical Technician, Automated Manufacturing Technology, Culinary Arts, Certified Nursing Assistant, Massage Therapy
2	Boone	157	Medical Assisting, Phlebotomy, Welding, Truck Driving, Cosmetology
3	Cabell	105	Practical Nursing, HVAC Technician, Electrical Technician, Automotive Technology, Welding
4	Fayette	26	Practical Nursing, Electrical Technician
5	Grant	11	Cosmetology
6	Greenbrier	11	Practical Nursing
7	Hancock	26	Practical Nursing and Truck Driving
8	Harrison	28	Practical Nursing and Cosmetology
9	Jackson	26	Practical Nursing and Cosmetology
10	Kanawha- Ben Franklin	22	Surgical Technology, Welding, Electrical Technician

	<b>County</b>	<b>Total Graduates</b>	<b>Programs Offered</b>
11	Kanawha- Carver	103	Culinary Arts, Cosmetology, Surgical Technology, Veterinary Technology, Barbering, Respiratory Therapy, HVAC Technician
12	Kanawha- Garnet	64	Practical Nursing, Phlebotomy, Medical Assisting, Automotive Technology
13	Logan	24	Practical Nursing
14	Marion	11	Electrical Technician
15	Mercer	59	Practical Nursing, Dental Assisting, Cosmetology, Phlebotomy Technician, Welding, Electrical Technician
16	Mineral	23	Practical Nursing
17	Mingo	18	Practical Nursing
18	Monongalia	27	Practical Nursing, Medical Assisting, Surgical Technology, HVAC Technician
19	McDowell	*	Practical Nursing *Graduates counted on an alternative year due to length of program.
20	Putnam	38	Practical Nursing, Medical Assisting, Heavy Equipment
21	Raleigh	153	Practical Nursing, Phlebotomy, Power Equipment Systems, Electrical Technician, Truck Driving, Welding, Cosmetology
22	Randolph	3	Practical Nursing
23	Summers	12	Practical Nursing
24	Upshur	90	Practical Nursing, Cosmetology, Truck Driving, Welding, Diesel Equipment Technology, Electrical Technician
25	Wood	25	Practical Nursing
26	Wyoming	12	Practical Nursing
	<b>Total Graduates</b>	<b>1172</b>	

## **Adult Education Opportunities**

Adult Education and Family Literacy Act aims to help adults improve their educational and employment outcomes, become self-sufficient, support the educational development of their children, transition to post-secondary education and training, and assist English language learners to improve their reading, writing, speaking and math skills and acquire an understanding of the American system of government, individual freedom, and responsibilities of citizenship. Adult Education services are available at no cost and are designed to meet each individual's educational needs.



**Partnerships:** Workforce WV, Division of Rehabilitation Services, Department of Health and Human Resources, Human Resource Development Foundation, Career Technical Education, Community Colleges, Libraries, Community-Based Organizations, Jobs & Hope

- » 7,995 adults served
- » 2,931 Industry Recognized Credentials issued
- » 659 High School Equivalency diplomas obtained
- » WV Adult Education ranked above the national average on educational performance indicators

### **Highlights**

- » Launched the “It’s Never Too Late to Graduate” campaign featuring Logan Co native, Season 6 winner of Americas Got Talent and a recent High School Equivalency diploma recipient Landau Eugene Murphy Jr.
- » Partnered with the Governor’s Job Jumpstart Program offering Microsoft Office certifications to qualified participants at no cost.
- » Articulation agreement between CSM Learn and the nine community colleges to allow for this certificate of high performance be accepted for the 3-hour general math credit at no cost to students.
- » Providing test preparation study course to local education agencies to assist qualified candidates for school service personnel positions at county school systems.
- » Partnership with Mid-Ohio Valley Workforce Development Board to create an employability course (ELEVATE) for participants to complete prior to receiving funding for education or training.

## **Strategic Planning in Occupational Knowledge for Employment and Success (SPOKES) Temporary Assistance for Needy Families (TANF) Assessment**

SPOKES and TANF Assessment are grant-funded programs operated by WVAdultEd funded for WV DHHR Bureau of Children and Families since 2003. SPOKES is a 4- to 10-week program that provides academic and job preparation skills needed for adults to pursue gainful employment for WV WORKS participants. TANF Assessment provides assessments for WV WORKS clients to assist in the determination of services and interventions clients may need to become self-sustaining and address barriers identified.



### ***Number of Schools/Sites:***

***SPOKES: 37 sites covering 48 counties  
TANF: All 55 counties***



### ***Number of Participants:***

***850 (78% from 1-parent households)***

### ***Partnerships***

WV Department of Health & Human Resources (grantor) and collaborates with WorkForce WV and local Workforce Development Board, WVU Extension, KISRA, Good News Mountaineer Garage, and other local agencies.

- » 25% of SPOKES participants obtained unsubsidized employment with 37% earning more than \$10/hour
- » Of those employed, 84% were still employed after 1 month, 80% after 3 months, and 79% after 6 months
- » Added CSM Certificate of High Proficiency, which allow students to earn 3 college math credits at New River Community & Technical College. 21 students have earned this in the first 6 months of partnering with New River.

## Community Services & Training

### Public Service Training

Public Service Training programs training for emergency services personnel throughout the state to maintain the health, safety and well-being of the general public including Firefighting, Emergency Medical Services, Wastewater, and Law Enforcement.



**Number of Schools/Sites:**

**Statewide**



**Number of Participants:**

**33,999**

### Partnerships

WV Fire Marshal's Office, WV Office of Emergency Management Service, Homeland Security, WV National Guard, Business & Industry

- » 1,323 CPR/First Aid Classes
- » 1,325 Emergency Medical Services Classes
- » 55 Wastewater Classes
- » 461 Fire Training Classes
- » 229 Hazardous Materials Classes
- » 18 Incident Command Classes
- » 53 Emergency Vehicle Operations Classes
- » 8 Instructor Courses
- » 93 Technical Rescue Classes

### Highlights

- » 108 International Fire Service Accreditation Congress Certifications obtained
- » WV Public Service Training partnered and assisted the WV Department of Homeland Security's Emergency Management Division and the WV National Guard's international technique and expertise exchange with the Qatari military in preparation for the 2022 World Cup soccer tournament. WV Public Service Training supported the education and information sharing components of the exercise at Coonskin Park



## Service Personnel Competency Testing

Competency tests are used to determine the qualifications of new applicants seeking initial employment in a particular classification as either a regular/substitute employee, or an existing employee applying for employment in another classification.

The county must use the state-approved competency test in its entirety with no additions to the test. Counties are not permitted to require additional testing for classifications or use county-developed tests. Counties may consider job-related factors in addition to the statutory qualification, if necessary, for the successful performance of the posted vacancy.

- » **3,519** tests administered
- » **65%** of tests passed

	Test Title	# of Tests	% of Total Tests Passed	Written Section		Performance Section	
				# of Tests	% Passed	# of Tests	% Passed
1	Aide	1091	62%	1091	62%	0	0%
2	Custodian	795	90%	517	85%	278	99%
3	Secretary	645	60%	446	58%	199	67%
4	Cook	529	53%	529	53%	0	0%
5	General Maintenance	189	95%	105	95%	84	94%
6	Accountant	185	21%	185	21%	0	0%
7	Mechanics	86	17%	78	9%	8	100%
8	Warehouse Clerk	55	65%	40	53%	15	100%
9	Carpenter	35	11%	33	9%	2	50%
10	Painter	34	6%	34	6%	0	0%
11	Crew Leader / Foreman	33	85%	33	85%	0	0%
12	Handyman	29	100%	29	100%	0	0%
13	Clerk	28	61%	23	61%	5	60%
14	Computer Operator	26	15%	26	15%	0	0%
15	Heavy Equipment Operator	20	95%	16	94%	4	100%
16	Roofing-Sheet Metal Mechanic	20	20%	20	20%	0	0%
17	Groundsman	19	100%	11	100%	8	100%
18	Plumber	19	11%	16	6%	3	33%
19	Director or Coordinator of Services	18	72%	18	72%	0	0%
20	Heating & Air Conditioning Mechanic	13	8%	12	0%	1	100%
21	Electrician I, II	11	36%	8	13%	3	100%
22	Inventory Supervisor	11	82%	11	82%	0	0%
23	Buyer	10	20%	9	11%	1	100%
24	Cabinet Maker	7	29%	7	29%	0	0%
25	Electronic Technician I, II	6	50%	4	50%	2	50%
26	Auditor	4	50%	4	50%	0	0%

	<b>Test Title</b>	<b># of Tests</b>	<b>% of Total Tests Passed</b>	<b>Written Section</b>		<b>Performance Section</b>	
				<b># of Tests</b>	<b>% Passed</b>	<b># of Tests</b>	<b>% Passed</b>
27	Bus Supervisor	4	100%	4	100%	0	0%
28	Transportation Supervisor	4	50%	4	50%	0	0%
29	Glazier	2	50%	2	50%	0	0%
30	Locksmith	2	0%	2	0%	0	0%
31	Food Services Supervisor	1	0%	1	0%	0	0%
32	Payroll Supervisor	1	100%	1	100%	0	0%
33	Switchboard Operator-Receptionist	1	100%	1	100%	0	0%

# Appendix A - Overview of Career and Technical Education and Teaching and Learning

## What is Technical & Adult Training?

Technical and Adult training programs combine academic skills with occupational knowledge to provide students a pathway to college, career, or military. Through these training programs, students earn life skills, employer credentials, college credits and work-based learning experiences.

## How is it accounted for?

West Virginia's Technical and Adult Education Accountability System has multiple components.

- » **Federal: Perkins V** requires a state performance accountability system to promote continuous CTE program improvement. Federal funding is dependent upon the State meeting performance goals that address the indicators for student achievement outlined in the federal law. The Perkins V accountability system evaluates the extent to which West Virginia's CTE concentrators meet state-determined levels of performance across several secondary and postsecondary indicators of performance. The established indicators ensure the State can assess the effectiveness of the programs in achieving statewide progress in career and technical education and to optimize the return on investment of Federal funds in career and technical education.
- » **Federal: ESSA** encourages and allows states to incorporate CTE into their ESSA state plan through an emphasis on a "well-rounded education" (which includes CTE programs and activities) and the opportunity to embed CTE and career readiness measures within state accountability systems. West Virginia's postsecondary achievement indicator includes CTE and states: Completion of a West Virginia state approved occupational career technical education program of study with the workforce entry score met on the technical assessment.
- » **Federal: WIOA** is a federal law to assist job seekers with accessing employment, education, training and support services they need to meet employer's requirements and succeed in the labor market. Common performance measures are consistent across all core program areas have been established to promote integrated programming, attainment rates and removing barriers to align the development of effectiveness in serving employers.
- » **CTE Summary Report** outlines key statistical data pertaining to Career Technical Education. Efficiency indicators such as participation, completion, work-based learning, and performance are used to highlight a county's CTE proficiency to be used for funding and accountability purposes.
- » **West Virginia System of Support** establishes career technical education as one of eleven efficiency indicators within each county's operational effectiveness report. Multiple measures of student performance and county operational efficiency are included for technical education and reported as part of the county's efficiency profile to ensure each county board of education provides equitable career opportunities for its students.

## How is it funded?

- » **Perkins V:** The Perkins formula is identified in the federal Perkins V legislation and is based on poverty and enrollment.
- » **WIOA:** Title II funds are formula based using the most recent American Community Survey (Census) data.
- » **Vocational State:** The state vocational aid formula is based on county CTE performance and CTE enrollment.
- » **Program Modernization Grants** are competitive grants designed to upgrade equipment and enhance instruction.

## What is Teaching & Learning?

The Office of Teaching & Learning is responsible for academic program development and support for grades Pre-K through 12. These include developing grade-level content standards, programs supporting the application of the College- and Career-Readiness Dispositions and Standards for Student Success, support for classrooms including recruitment, retention, and professional learning for new and veteran educators. Beginning in the early learning readiness years of universal pre-k and kindergarten and extending into the elementary grades, students have opportunities to develop strong foundations to learning that focus on all areas of development, including those that promote social competence and community engagement. As students progress into the middle and high school grades, they have opportunities to demonstrate speaking and research skills through various fairs and competitions, earn college credit in high school via dual credit or Advanced Placement, and participate in performance-based activities such as Arts Alive and Young Writers.

## How is it accounted for?

West Virginia's Teaching and Learning Accountability system ensures accountability at multiple levels.

- » **Federal:** The Every Student Succeeds Act (ESSA) includes components related to student achievement as measured by annual assessments given to students in grades 3 – 8 and 11. The assessment data is reported annually along with other school success indicators related to attendance, discipline, and academic growth.
- » **WV System of Support** establishes supplemental programs to improve student achievement, personnel, and Universal Pre-K: School Readiness as three efficiency indicators of a county's efficiency profile.
- » **WV Universal Pre-K Program Review Process:** Each district's Universal Pre-K program undergoes a triennial review to ensure quality.

## How is it funded?

Programs supported by the Office of Teaching and Learning are funded with Federal and State dollars that are primarily allocated to districts for local-level implementation based on each district's unique programmatic needs. Additional funding for specific projects is provided through federal, state, and local-level grant funding.









W. Clayton Burch  
West Virginia Superintendent of Schools

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