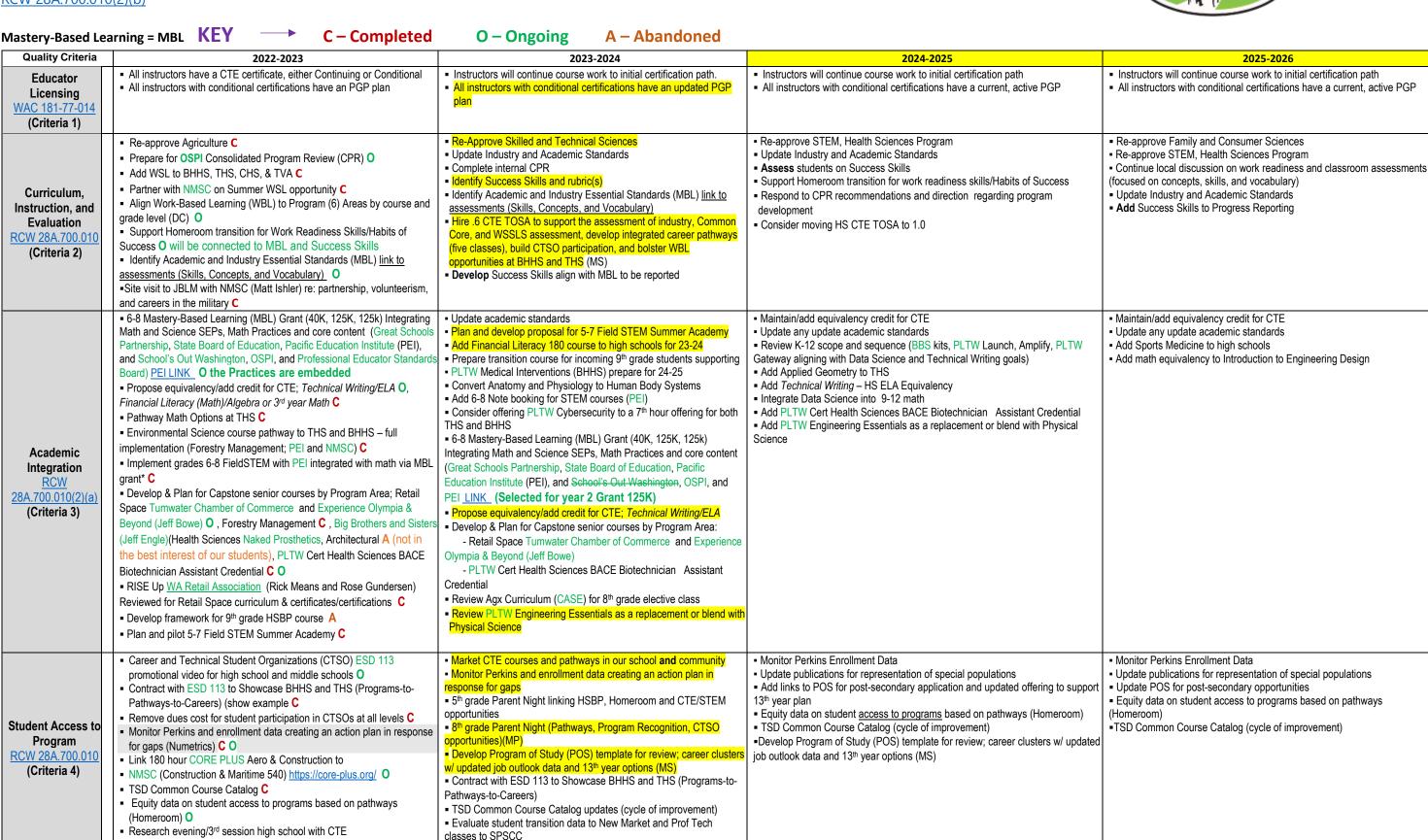
Action Plan for Tumwater School District Schools Career and Technical Education (2023-2027)

8/23/2023

Long Range Planning (Criteria 10)

RCW 28A.700.010(2)(b)





	 options (LOTT, City of Olympia, Port of Olympia partnership alliance) A (no interest/capacity) Contract with ESD 113 to Showcase BHHS and THS (Programs-to-Pathways-to-Careers) (show example) C O Add Inspiring Girls Now In Technology Evolution (IGNITE) to both middle schools https://www.igniteworldwide.org/ (MP) C Support CTSO Technology Student Association (TSA) at both middle schools (MP) O 	Support CTSO Technology Student Association (TSA) at both middle schools (MP), IGNITE, and eSports		
Accountability RCW 28A.700.040(1)(c) (Criteria 5)	 Review You Science/Precision Exam data C O Review PLTW E-O-C O Homeroom HSBP (pathway and course planner) A (HSBP Platform selection OSPI) Registration; student course selection C Review subgroup data in courses; academic success, certifications, and completer and concentrator growth C O CTSO participation and competition results with State Champion Boards C Expand 21st Century Skills/SUCCESS SKILLS to other departments O Review job outlook data (Pac Mtn, United Way Task Force stakeholders, WA STEM) C O Use DAP to review student assessment data on CTE courses A (Targeted focus for 23-24) Career Connect WA Grant (Capital STEM Alliance, Lorie Thompson, Cecily Keister) C WA STEM CORI-Credential Opportunities by Region and Industry https://washingtonstem.org/cori/ C 	Review Precision Exam data Review subgroup data in courses; academic success, certifications, and completer and concentrator growth Establish longitudinal cohort (Class of 2025) to track enrollment in year 13 programs Review job outlook data Develop and implement student feedback tools for post course completion Increase student agency at the middle level by increasing voice and choice regarding elective credits (Youth Council Advisory (GSP) Great Schools Partnership Staff complete OSPI Program Review template PLTW HS staff meeting to discuss assessment and data collection with the EOC and Precision Exams	Support all teachers with relevant achievement data to support targeted instruction Review Precision Exam data Review subgroup data in courses; academic success, certifications, and completer and concentrator growth Review trend data, market demands, and program/pathway options in the TSD Continue to increase student agency at the middle level by increasing voice and choice regarding elective credits (Youth Council Advisory (GSP) Great Schools Partnership	Support all teachers with relevant achievement data to support targeted instruction Review Precision Exam data Review subgroup data in courses; academic success, certifications, and completer and concentrator growth Review trend data, market demands, and program/pathway options in the TSD
Safe Practices RCW 28A.700.010 (Criteria 6)	 Complete review of equipment repairs and replacement (annually) C O MSDS annual update C Food Handler certification(Culinary & Nutrition classes) C O Review CTE liability with supervision, student access and equipment use C O Restrict access to manufacturing and shop equipment C Review safety practices for a FieldSTEM-based program (6-8 PEI) with PEI C O Implement OSHA 10 Certification (Sp '23 w/ NMSC) BHHS Manufacturing and THS Construction O https://www.osha.gov/training/outreach 	 Complete review of equipment repairs and replacement (annually) MSDS annual update Review CTE liability with supervision, student access and equipment use Chemical hygiene and storage training for high school staff Allocate stipend staff monitoring chemical hygiene and storage training for high school staff Implement OSHA 10 Certification (Sp '23 w/ NMSC) BHHS Manufacturing and THS Construction https://www.osha.gov/training/outreach Food Handler certification(Culinary & Nutrition classes) Review Construction Trades tool assessment for proficiency (knowledge and skills assessments) 	 Update SDS documentation Maintain safety testing MSDS annual update Develop shop stewards for Aerospace and Construction Trades and/or para support 	Update SDS documentation Maintain safety testing MSDS annual update
Facilities RCW 28A.700.010 (Criteria 7)	 Monitor equipment and facility needs C 0 Restore and make improvements to hoop greenhouse, BHHS C Open TSD Tumwater/TACC Retail & Visitor Center O Upgrade equipment and remodel BHHS O and THS Student Stores C Convert darkroom to equipment security C 	Monitor equipment and facility needs Medical Intervention (materials and supplies) (PLTW) Purchase additional equipment based on 7-8 FieldSTEM/Outdoor Learning opportunities Support 7-8 eSports development (BMS) Open TSD Tumwater/TACC Retail & Visitor Center (9/23) Upgrade equipment and remodel BHHS Student Store based upon BHHS vision (need a vision) Purchase 10 Flight Simulators (BHHS)support tech upgrades and room modifications Landscape Retail Space	 Monitor equipment and facility needs Work to repair vs replace due to funding Add central location/facility for a Health Sciences Lab (Anatomage, Dissection, VR Goggles, and Models) Update technology for HS staff paralleling industry entry 	Monitor equipment and facility needs Work to repair or replace equipment based on use or industry recommendations
Instructional Materials RCW 28A.700.010 (Criteria 8)	 PLTW course updates C Review online curriculum tools C Add district makerspace for elementary A (funding and capacity Update tech needs for programs C Shift BHHS Computer Science from TEALS to PLTW Computer Science Essentials C Curriculum for Agricultural Science Education (CASE) course mo modifications https://www.case4learning.org/ C 	 PLTW course updates Curriculum for Agriculture Science Education course updates CASE Review online curriculum tools Add MS Garden Project connected to Energy and the Environment (PLTW) class Review concept: Health Sciences Lab (Anatomage, Dissection, VR Goggles, and Models) Review Computer Science scope and sequence and add level 2 CS to BHHS CSP? 	Modify based upon technology shifts and course vendor upgrades Monitor software upgrades Renew online curriculum tool PLTW course updates Health Sciences Lab (Anatomage, Dissection, VR Goggles, and Models) materials and supplies	Modify based upon technology shifts and course vendor upgrades Monitor software upgrades Renew online curriculum tool PLTW course updates 7 th period offering for Health Sciences capstone/Health Sciences Lab

Leadership and Employability RCW 28A.700.010 (Criteria 9)	CTSO Advisors expectations for a High-Quality CTE: Career and Technical Education Organizations HQ CTSOs C Expand service learning through CTSOs (monthly CTSO Leaders Connection) C O All CTSOs required to market and fundraise A (move to 23-24 capacity) Send middle school parents/students CTSO information and encourage/select participation as they transition to 9th grade (MP) adding videos O (contract signed)	CTSO Leadership to Regional Summit for PLTW Expand service learning through CTSOs with classroom connection CTSO Advisors expectations for a High-Quality CTE: Career and Technical Education Organizations HQ CTSOs CTSO participation and opportunities review 9th grade job interview Support staff WACTE sub groups support (covering costs) Ex WITEA 8th grade Career Launch with Thurston County Chamber Regional Partnership now 2022-23 SY (MP)	 Monitor CTSO and Equivalency Programs of Work Extend entrepreneurial endeavors into the classrooms 10th grade ACT Business and Industry tours All CTSOs required to market and fundraise 50 percent of CTSO students compete at Regional level Add Thespians to CTSO opportunities 	Add WCTSMA CTSO (Sports Medicine) 11 th grade Community Service/Volunteerism & 12 th grade Senior Presentation (HSBP, Preparation, Pathway (POS), Reflection Paper, Presentation) 60 percent of CTSO students compete at Regional level
Advisory <u>RCW</u> 28A.700.020(1) (Criteria 11)	 Support TSD Fall Kickoff and SPSCC Advisory participation with TSD staff CO Expand/Discuss adding pollinators (honey) to FRESH program (City of Tumwater) A concern of bees and students Support business to youth partnerships Career Connect Washington (ESD 113) CO Add Local Advisory members as needed to reflect program input and growth based on labor market demands O Plan for Evening of Excellence highlighting 9-12 outstanding PLTW scholarship winners, concentrators, completers, 21st Century Skills, CTSO, staff awards, school awards, etc. with business and advisory invitations (appreciation and fruits of labor) (TW) A Program Manager leftcapacity TSD WBL for career and classroom support (scope, sequence and articulation) (Google Doc) O CTE Month Promo align to Program Areas (staff input) C Recruit and build MS STEM Advisory (MP) C 	Support TSD/NMSC Fall Kickoff SPSCC Advisory participation with TSD staff Implement FRESH Pollinators Support business to youth partnerships Add Local Advisory members as needed to reflect program input and growth based on labor market demands Evening of Excellence Expand MS Advisory reflective of PLTW pathways (Engineering, Computer Science, Environmental Studies, and Health Sciences) CTE Month Promo align to Program Areas (staff input) needs to be refreshedaccountability Plan for Evening of Excellence highlighting 9-12 outstanding PLTW scholarship winners, concentrators, completers, 21st Century Skills, CTSO, staff awards, school awards, etc. with business and advisory invitations (appreciation and fruits of labor	Host showcase events for students to connect classroom and post-secondary options Engage potential students, parents and community in career pathway choices Evening of Excellence Expand MS Advisory reflective of PLTW pathways (Engineering, Computer Science, Environmental Studies, and Health Sciences) Link CTSO advisors to SPSCC	Host showcase events for students to connect classroom and post-secondary options Engage potential students, parents and community in career pathway choices Evening of Excellence
Program of Study RCW 28A.700.020(2)(a)(b) (Criteria 12) Certification Work based Learning RCW 28A.700.060(2)(c)(d) (Criteria 13A, 13B	 Increase our Dual Credit Articulations (SPSCC (not open), PC3 (23-24) and Centralia College (yes)) C O Articulate Apprenticeship opportunities with CORE PLUS programs A move to 23-24 due to staffing and program changes Align THS to offer the PLTW Biomedical Biotechnician Assistant Credential (need PBS, HBS, MI) O research and advocacy completed, add 23-24 Research evening/3rd session high school with CTE options (LOTT, City of Olympia, Port of Olympia) (internships, apprenticeships, certification) A Offer Summer Certification Courses with NMSC Forestry Management and PEI) C Add for 23-24 AOPA Ground School for Drones & Aircraft C 	Research and review Summer Certification Courses Offer the PLTW Biomedical Biotechnician Assistant Credential (need PBS, HBS, MI) Add AP Environmental Science (capstone) Add Biomedical Innovation PLTW Articulate Apprenticeship opportunities with CORE PLUS programs Advocate for adding pathway designation to diploma Increase our Dual Credit Articulations (SPSCC, PC3 (23-24) and Centralia College) Add to Senior Night Program Area recognition for students who have a concentrated study with pathway courses Add ASL as College in the Classroom (THS) Certified Tourism Ambassador Training and Certification for Business and Marketing students via Experience Olympia and Beyond for Retail Space work	Maintain and/or expand dual credit options with CTC partners Continue developing workforce events Coordinate onsite visits to education and employment providers Launch Summer School certification sessions Add pathway designation to diploma by Program Area (template, ex share) Plan for Instructional WBL Research evening/3rd session high school with CTE options Articulate Apprenticeship opportunities with CORE PLUS programs	Add Instructional WBL w/ Office Professionals course Expand CTE Summer School certifications Maintain and/or expand dual credit options with CTC partners Continue developing workforce events Coordinate onsite visits to education and employment providers
Career Guidance RCW 28A.700.010(3) (Criteria 14)	 Career Center balance btwn certification, internships, apprenticeships, technical and community college options O 23-24 Train counselors and staff on tools for career pathway opportunities Career Connect WA (Capital STEM Alliance; Lorie Thompson, Cecily Keister) Career Explore, Prep, and Launch https://washingtonstem.org/network/capital-region-steam-network/ A capacity Train counselors and staff on tools for career pathway opportunities CORI data via WA STEM A capacity ESD 113 CTE Marketing and Outreach Plan Launch Phase 1 and 2 (MS/HS) C O Provide a counselor workshop series development (CTE Graduation Option, Dual Credit, Equivalency and the 2 for 1, How CTE is Funded, Student Pathways, etc.) O move to 23-24 with Andra BHHS, THS, and CHS/TVA hold a Reality Fair – WSECU, Suzanne Klenk C Support Homeroom transition for HSBP O 8th grade Exit, Plan, and Transition with advocate (Spring '23) O 	 Career Center balance btwn certification, internships, apprenticeships, technical and community college options Expand social media platforms and community events to <i>share the word</i> Provide a counselor workshop series development (CTE Graduation Option, Dual Credit, Equivalency and the 2 for 1, How CTE is Funded, Student Pathways, etc.) BHHS, THS, and CHS hold a Reality Fair – WSECU, Suzanne Klenk 8th grade Exit, Plan, and Transition with advocate (Spring '23)(MP) Hire HS Career Readiness Coordinator; HSBP, WSL Liaison, and Career Center support (13th year balanced options) 	Share community resources with counselors about certification, apprenticeships and technical training options Invite counselor representative(s) to CTE meetings and conferences that will expand connections to workforce needs Provide a counselor workshop series development (CTE Graduation Option, Dual Credit, Equivalency and the 2 for 1, How CTE is Funded, Student Pathways, etc.) Train counselors and staff on tools for career pathway opportunities Develop database of students who have dropped out of 2yr and 4 yr programs reach out to connect to career and technical pathway	Provide a counselor workshop series development (CTE Graduation Option, Dual Credit, Equivalency and the 2 for 1, How CTE is Funded, Student Pathways, etc.) Share community resources with counselors about certification, apprenticeships and technical training options Invite counselor representative(s) to CTE meetings and conferences that will expand connections to workforce needs

Professional Development RCW 28A.700.005(4) (Criteria 16)

- Target Summer WACTA Summer Conference for CTE Instructional Leaders to attend as a district team A (too many competing interests...MBL Kickoff, Leadership Conference, and WACTA/E)
- MS/HS PLTW Regional Conference A Cost
- New staff K-12 PLTW pathway training C
- Investigate IB CTE (West Ada, Idaho) A other priorities
- Offer CPR/First Aid Training C
- Offer one day release to each CTE staff to visit a business or state/federal agency related to course offerings aligning industry standards and expectations C
- Support professional learning related to job assignment C
- Increase and support TSD CTE as staff presenters to local and national conferences/summits
- https://www.pltw.org/our-programs/pltw-launch-curriculum
- 6-8 staff Note booking in STEM (PEI) C
- Targeted support for .6< CTE FTE for certification (move off of Conditional status) ○

- Target Summer WACTA Summer Conference for CTE Instructional Leaders to attend as a district team
- New staff K-12 PLTW pathway training
- Offer CPR/First Aid Training
- Require one day release to each CTE staff to visit a business or state/federal agency related to course offerings aligning industry standards and expectations
- Support professional learning related to job assignment
- Increase and support TSD CTE as staff presenters to local and national conferences/summits
- Develop new CTE teacher mentor program
- Targeted support for .6< CTE FTE for certification (move off of Conditional status)
- Develop a Professional Growth Plan for each HS CTE staff member

- Offer CPR/First Aid Training in May/June
- Support workshops and trainings related to job assignment based on funding availability
- Increase Summer CTE Conference participation
- Increase State Program Area membership (ex. WITEA)
- ■Develop summer externships for staff
- Targeted support for .6< CTE FTE for certification (move off of Conditional status)
- Offer externship opportunities for staff
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- Targeted support for .6< CTE FTE for certification (transition to CTE Cert status)
- Offer summer externships for staff
- Offer CPR/First Aid Training in May/June
- Support workshops and trainings related to job assignment based on funding availability
- Increase Summer CTE Conference participation
- Increase State Program Area membership (ex. WITEA)