

Career and Technical Education State Standards





Connecting CTE and CCSS

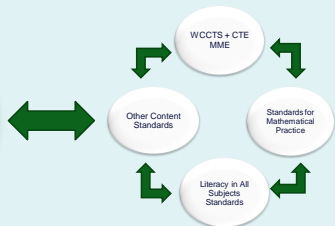
- A Vision for Every Child A Graduate
- Guided by Principles
- Ensuring a Process for Student Success
- Connecting to Content: The CCSS






Connecting CTE and CCSS


College and Career Ready Students






Career-Ready Person


How do you define "career-ready?"


Career Readiness Partner Council <http://www.careerreadynow.org/> 



Career-Ready Person

A **career-ready person effectively navigates pathways that connect education and employment** to achieve a fulfilling, financially-secure and successful career. **A career is more than just a job. Career readiness has no defined endpoint.** To be career ready in our ever-changing global economy **requires adaptability and a commitment to lifelong learning, along with mastery of key knowledge, skills and dispositions that vary from one career to another and change over time as a person progresses along a developmental continuum.** Knowledge, skills and dispositions that are inter-dependent and mutually reinforcing.


Career Readiness Partner Council <http://www.careerreadynow.org/> 



Classroom Connection CTE & CCSS

WCCTS +
MME

- Be part of a CTE community
- Be part of a bigger conversation
- Know who's teaching what

Wisconsin Department of Public Instruction 

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Learning that works for Wisconsin

Classroom Connection CTE & CCSS

Literacy in All
Subjects
Standards

Students in Wisconsin...

1. Demonstrate independence.
2. Build strong content and knowledge.
3. Respond to the varying demands of audience, task, purpose and discipline.
4. Comprehend as well as critique.
5. Value evidence.
6. Use technology and digital media strategically and capably.
7. Come to understand other perspectives and cultures.

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Essential Questions

- Disciplinary Literacy Suitcase
 - Disciplinary Literacy is NOT the New Name for Content Area Reading
 - “Cheat Sheet” Literacy Anchor Standards
 - “Cheat Sheet” English Language Arts Standards by Grade Band
 - Note: Reading Standards specific to Technical Subjects

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Standards for
Mathematical
Practice

**Standards for
Mathematical Practice**

1. Make sense of problems and persevere in solving them.
2. Reason abstractly and quantitatively.
3. Construct viable arguments and critique the reasoning of others.
4. Model with mathematics.
5. Use appropriate tools strategically.
6. Attend to precision.
7. Look for and make use of structure.
8. Look for and express regularity in repeated reasoning.

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Essential Questions

- **Mathematical Practices** ([7 ½ minute video intro](#))
 - [Characteristics of Mathematical Proficient Students](#)
 - [“Quick Tips”](#)
 - [CCSS-CTE Classroom Tasks](#) (Achieve)
 - **Additional Resources**
 - [Wisconsin Guiding Principles for Teaching & Learning: What do they look like in Mathematics](#)
 - [The Illustrative Mathematics Project](#)
 - [Inside Mathematics](#)

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Creating Performance Tasks Connecting Content to ELA/Math

(6 Step Process)

1. Work the Task Thoroughly
2. Compare Your Work
3. Identify Content and Performances
4. Compare Task Performances to CCSS for ELA Anchor Standards & Math Practices
5. Compare content & performances to grade-level CCSS
6. Compare content & performances to content standards.

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Other Content Standards

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Performance Task Reminders

A task, for our purposes, is:

- An activity that could supplement a lesson plan
- Is directly aligned to and promotes standards
- Requires use of higher-order thinking and problem solving skills
- Grounded in real-world practice

A task is not:

- An instructional unit or complete lesson
- Intended to replace curriculum
- An assessment item

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Alignment of CTE & CCSS

- Elements of a Performance Task
- Performance Task Sample (See Handout)
- Connection of ALL standards
- Value of Alignment

(Example 1: grade 9-10 performance task in a marketing principles course)

After reading (researching) listening/viewing business vendor websites (texts), write/locate (research) the breakeven point and return on investment (ROI) for new school store products (product) to the students in the marketing class & store managers (audience) that provides a fair (explanation) argument/narrative of the economic benefits and opportunities for a new product (content) so that the class can determine the most profitable new product choices for the store (purpose/so what).

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Process of Alignment

- CTE & CCSS

CTE + Other Content Standards

+

Literacy in All Subjects Standards

+

Standards for Mathematical Practice

=

College and Career Ready Students

MC6.b.1.h;
MC6.b.7.h;
MC7.b.4.h

Anchor Standard for Reading:
1, 2, 4, 8
Writing:
1, 4, 7, 9

Mathematical Practices:
1, 2, 3,

A performance task: complex, real-world challenge that is an authentic demonstration of K&S

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Performance Task Template

- Refer to your classroom activity.
- Complete performance task sentence frame template. (also available on Google Site)
- Do not attempt to align your performance task to standards at this time.





Align Performance Tasks to Standards

1. Complete alignments to the Wisconsin Common Career Technical Standards at the Content Area Standard Level.
2. Begin alignment to the MME Standards at the Content Area Standard Level
3. Explore and attempt ELA and Math standards.
4. If time permits, extend to Learning Priority and Performance Indicator.





Align Performance Tasks to Standards

- Large Group Debrief





Final Thoughts

- Questions & Answers
- Strategies to Success