WDE Opportunity Through Education

Wyoming Perkins Innovation & Modernization Project

Evaluation Highlights Across All 17 Micro-Credentials (MC)

WY Micro-Credentials positively impact teachers' computer science knowledge, teaching practices, and self-efficacy!

Teachers Realize Benefits from MCs

Based on the End-of-Micro-Credential Questionnaire (N=101):

99% said that overall MC experience was positive.

95% said that as a result of completing the MC they would change their teaching practices.

~ 97% said that as a result of completing the MC the following increased:

- Work-related Motivation
- Work-related Knowledge
- Work-related Skills

87% said they would recommend the MC to other teachers.

92% said that the MC will impact their work with students.

Impacts of MCs on Teachers

Teachers were asked how the MCs impacted them personally and professionally.

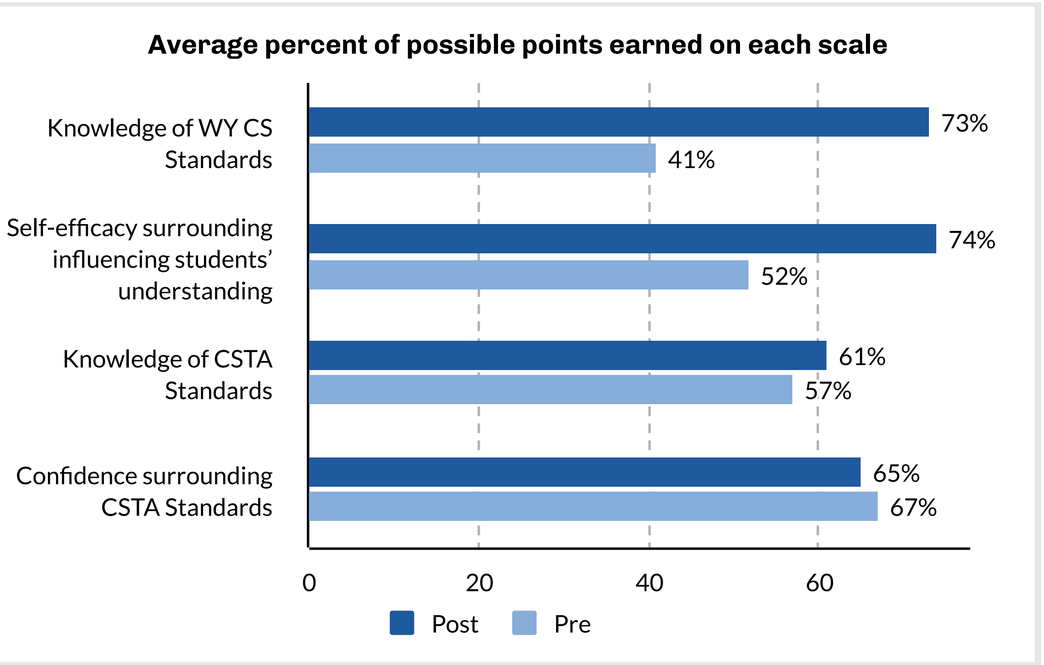
Sample Teacher Comments:

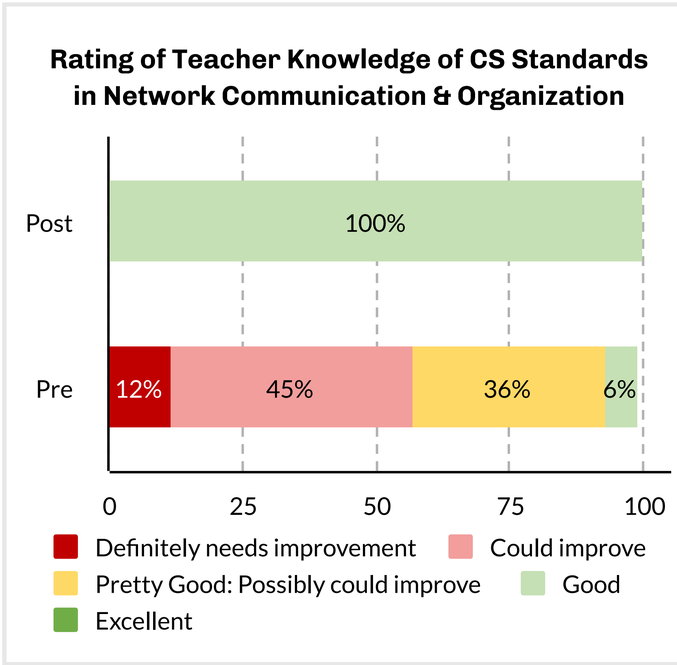
- *"[The MCs] allow me to show my CS knowledge on terms that fit my life, versus another course to take on someone else's terms."*
- *"I have taken programming classes, but this was a good reminder to me of what variables are and some fun ways to teach students about them."*
- *"My deep understanding of the micro-credential will help with teaching and with coaching teachers about program development."*
- *"Expanded my understanding of the standards, so I could better teach my students so they are prepared."*

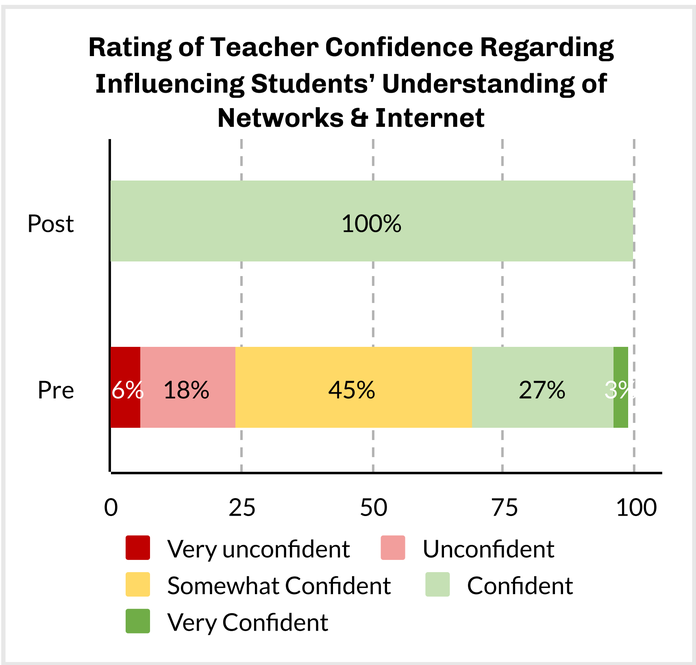
Teachers Experience Increased Knowledge/Self-Efficacy from the MCs

Pre-/Post-Assessments show improvements in outcomes (N=37). For example:

(CS=Computer Science; CSTA=Computer Science Teacher Association)







DATA DRIVEN ENTERPRISES

June 13, 2022