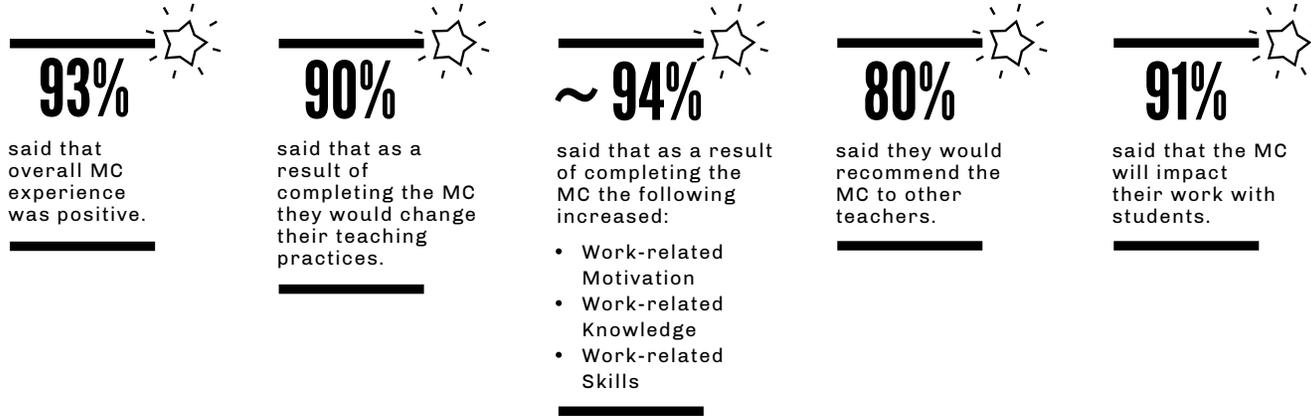


WY Micro-Credentials positively impact teachers' computer science knowledge, teaching practices, and self-efficacy!

Teachers Realize Benefits from MCs

Based on the End-of-Micro-Credential Questionnaire (N=328):



Impacts of MCs on Teachers

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

Sample Teacher Comments:

- "I liked that I created lessons that align with this standard that I can use for the future. It will help me to explain to other primary teachers what the standard is asking."
- "Implementing MC has challenged me to think more deeply about integrating across subjects. My students were more successful because of the lesson I created."
- "Taking the time to learn about sequences, conditionals, and repetitions, I am starting to make connections to them in my daily life. I believe I am beginning to think like a programmer."

Teachers Experience Increased Knowledge/Self-Efficacy from the MCs

Pre-/Post-Assessments show improvements in outcomes (Pre-N=49; Post-N=101). For example:

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

