MEMORANDUM NO. 2022–068

TO: School District Superintendents
School Principals
K-12 Teachers
Curriculum Directors

FROM: Wanda Maloney, Chief Policy Officer

DATE: May 23, 2022

SUBJECT: Computer Science Implementation - 2022-23 School Year

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COMPUTER SCIENCE STANDARDS TO BE FULLY IMPLEMENTED BY START OF 2022-23 SCHOOL YEAR

School districts are required to fully implement the **2020 Wyoming Computer Science (CS) Content Standards** at the start of the 2022-23 school year. Standards resources, which can be found on the **CS Standards page**, include:

- Descriptions of CS practices.

- Glossary.

- Teacher progression resource.

- Administrator overview of the CS standards.

- Wyoming Digital Learning Guidelines.

The Wyoming Department of Education (WDE) has also compiled the Version 9 SCED codes in area 10, Information Technology, identified as eligible CS courses **here**. For the 2022-23 school year and beyond, all courses listed as eligible CS courses can only be aligned to computer science standards and will only be considered CS courses. A CS course can count as a year of science for graduation and Hathaway, or for a fourth year of math for Hathaway, but cannot count both for a single student. The course can be included in a CTE Program of Study.

Teachers seeking an endorsement in CS can follow three pathways, which are highlighted in **this resource**. The Professional Teaching Standards Board (PTSB) and the WDE developed the document to assist districts and teachers with questions about teacher endorsement.

The WDE has developed a **series** of teacher-level CS **micro-credentials** for both secondary and elementary teachers. These micro-credentials are job-embedded and designed for teachers to demonstrate competency in effectively teaching CS. From the ongoing pilot, the WDE is seeing increased teacher efficacy with teachers reporting an improved understanding of the standards and a belief they can impact student learning in CS. The WDE has 15 spots open for secondary teachers to participate in the secondary pilot and 10 spots open in the elementary pilot. Pilot teachers have access to mentors and receive $5,000-$5,600 for earning the micro-credentials.

For more information about the standards, contact Alicia Wilson, Math and Computer Science Consultant for Standards and Assessment, at 307-777-5036 or alicia.wilson@wyo.gov. For more information on CS district implementation or micro-credentials, contact Laurel Ballard, State Director of Digital Learning and Innovation, at 307-777-8715 or laurel.ballard@wyo.gov.