



***Computer Science and Cybersecurity
Content Standards Writing Committee
Meeting Minutes
November 13-14, 2024***

Wednesday, November 13, 2024

8:15 AM – 4:30 PM

North Dakota Heritage Center

Meeting Convened: 8:15 AM

Meeting Adjourned: 4:30 PM

Attendance – Computer Science and Cybersecurity Content Standard Writing Committee Members

- Lesley Allen, Williston Basin Public Schools
- James Bear, University of Jamestown
- Brenda Cain, Fargo Public Schools
- Sarah Francetich, Bismarck Public Schools
- Cindy Glavin, Williston Basin Public Schools
- Daphne Heid, Bismarck Public Schools
- Jennifer Hess, Fargo Public Schools
- Kelly Kornkven, Mayville State University
- Alicia Marsh, Bismarck Public Schools
- Ulrich Reichenbach, Fargo Public Schools
- Marisa Riesinger, Dickinson Public Schools
- Nicole Weltin, West Fargo Public Schools
- Leah Wheeling, Bismarck Public Schools

Attendance –NDDPI and EduTech Staff Members

- Davonne Eldredge, Facilitator, NDDPI
- Jason Mattheis, EduTech
- Tabitha Teel, EduTech

Welcome and Recap from the September Meeting

Davonne Eldredge welcomed the Computer Science and Cybersecurity Content Standards Writing Committee members. She reviewed the work completed in the September meeting, public comment, and the review committee’s meeting work.

November Agenda Review

Davonne Eldredge reviewed the agenda for the November meeting and outlined the work to be completed. Resources added to the file in TEAM were previewed. Discussion was held regarding the AI Readiness Framework and how AI would be addressed within the standards.

Public Comment and Review Committee Feedback Review

The committee broke into grade-span groups to review and discuss the feedback received on the first draft of the standards. Based on the feedback received, revisions were made to the draft. Responses to feedback were noted on TEAMS.

Discussion Regarding Revisions

The committee discussed revisions made to the standards based on feedback received in public comment and the review committee.

Vertical Alignment and Work on Progressions

The committee as a whole reviewed the skill progressions and discussed vertical alignment. As they reviewed alignment and skill progressions, revisions to the standards were made in the TEAM file.

Crosswalk Between 2019 and New Standards

The grade span groups worked on a crosswalk between the 2019 and new standards. They checked the relationships between the documents and noted reasons for changes made in the TEAM file.

Discussion of Connections between Disciplines

The committee began discussing a document to show connections between computer science and cybersecurity, and other disciplines. This discussion was not completed before the end of the day and would continue on Day 2.

Review Progress and Discuss Tasks for Thursday

The tasks completed throughout the day were reviewed. The groups will start working on the introduction, references, and glossary for the standards on Day 2. They will continue tasks that were not completed and review work finished.

Thursday, November 14, 2024

8:15 AM – 3:00 PM

North Dakota Heritage Center

Meeting Convened: 8:15 AM

Meeting Adjourned: 3:00 PM

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Welcome Back and Announcements

Davonne Eldredge welcomed the group back and previewed the agenda for the day.

Discussion of Connections between Disciplines

The group continued the discussion about creating a resource showing how computer science and cybersecurity connect to other disciplines. It was decided this would not be done.

Compose Additional Standards Elements

The committee broke into three groups to compose the introduction, identify resources used as references for the standards, and write a glossary for the standards document. All work was documented in the TEAM.

Whole Group Discussion

The whole group reviewed the additional elements added to the standards and made revisions based on discussions. Work was documented in the TEAM.

Standards Review

The team broke into grade-level groups to review the standards and progressions. The group checked for alignment with information in the introduction and glossary and double-checked the progression of skills. The changes proposed were discussed with the entire group and documented in the TEAM.

Review of Crosswalk

The committee reviewed the crosswalk to ensure all changes made in the standards document were included on the crosswalk. Revisions were documented in the TEAM.

Revision of Disciplinary Literacy Document

The Committee reviewed the existing document identifying where disciplinary literacy was embedded in computer science and cybersecurity. They made revisions based on the changes made on the new standards to ensure the document aligned with the new standards. Revisions were documented in the TEAM.

Vote to Go to Public Comment

After the group completed the final review of the standards and progressions, they voted unanimously to move to public comment with the second draft.

Reflections on Day 2 and Planning for the February Meeting

Ms. Eldredge reviewed the progress the groups had made throughout the two days. The committee completed the revision and alignment of the second draft of the standards. They added an introduction, glossary, list of references, and a skills progression. They reviewed the crosswalk between the new and 2019 standards for accuracy. Finally, they voted to release the second draft of the standards for public comment.

Mrs. Eldredge reviewed the next steps. When the committee next meets, they will review the public comments received from the second draft. They will revise the standards based on those comments and prepare the final draft of the new standards. Committee members were thanked for their work. The meeting adjourned at 3:00 PM.