



Optional Computer Science Standards Review

Oregon Department of Education Nov 19th, 2025

Welcome! As you join, please update your display name to include:

Full Name, Organization/district/school & Pronouns
Example: "Jane Smith, ODE, she/her"

Oregon Optional CS Standards Update



- Oregon revealed our [Computer Science Implementation Plan](#) in December of 2023
- Attempted to legislatively fund during the 2025 session (Senate Bill 541)
- The work of supporting CS education is being distributed amongst several teams at ODE
- Working with statewide organizations to find mechanisms for supporting equitable access to CS education
- ODE is drafting a common template for all content standards (including the optional K-10+ Optional CS standards)

Call for Optional Computer Science Standards



- **Outcome #4:** Computer Science is Recognized as a Content Area in Rule and Statute.
- **Strategy 4.2** Adopt K-12 content standards and CTE Knowledge and Skill Statements that integrate equity and culturally responsive computer science education throughout grade levels and courses

Timeline of Optional CS Standard Development

- **Dec 2023:** ODE released Computer Science implementation plan including strategy 4.2.
- **July-Aug 2024:** ODE hosted 3 engagement sessions with secondary, postsecondary and industry partners to received input on the development of Optional CS Standards Review
- **Sept 2024- Sept 2025:** ODE utilized participant feedback to construct and develop initial draft of Optional CS Standards
- **Nov 2025 (current):** ODE begins presenting draft of Optional CS standards for public input and review

Learnings from Engagement Sessions



- Involvement of computer science faculty, K-12 computer science teachers, and industry partners
- Based on national frameworks
- Align with evolving needs
- Prepare students for next steps
- Address safety and equity issues related to AI
- Recognize the range of school/teacher readiness
- Emphasizes Integration in the K-8 grades
- Only foundational level standards for 9-12

Standards Design

- **Provided as an option for districts, schools, and educators.**
- **Rooted in the 2025 version of the Computer Science Teachers Association (CSTA) standards**
- **Organized in 5 domains**
 - Algorithms
 - Programming
 - Data and Analysis
 - Computing Systems and Security
 - Computing and Society
- **Arranged in grade bands.**



Educator Supports & Implementation



- **Key Content**
 - Clarifies the scope of the standard
 - Defines some terms
 - Creates a bridge between standard and instruction
 - Supplements to standards, rather than additional standards
- **Future Supports and Guidance**
 - Integration with other content areas
 - Connections to Computational Thinking
 - Connections to AI
 - Sequencing across grade levels

Impacts of having optional CS Standards



- Basis for need in educator preparation programs
- Create support for curriculum adoption
- Head start for future initiatives in adopting CS requirements
- Open equitable access to CS
- Opportunities to integrate within STEM & other content areas
- Build pipelines at the K-8 level to support secondary programs

Providing Feedback

- **Option 1 – Overall review**
 - Select one or more grade bands
 - Provide general feedback through the form
- **Option 2 – Individual standards review**
 - Download appropriate documents using the links provided on the form
 - Make digital comments directly on the documents through comments or suggested edits
 - Upload the documents with comments through the form

You are welcome to use either one option or both options

- **Feedback Form:**

<https://app.smartsheet.com/b/form/019a7003bdf27b8c9350cc47d8e5a364>

Here to Help

Please complete review by Friday Dec 19th



[ODE Computer Science Initiative Webpage](#)

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