Identifying Digital Literacy and AI Literacy Standards/Programs/Guidelines/Frameworks

July 2025

Alaska

- **Indirect/Direct Digital Literacy Framework:** Direct, [Alaska Digital Literacy Standards](#).
- **DL Framework Last Updated:** 2019
- **Best-Practice Digital Literacy Framework:** 2016 ISTE Standards.
- **AI Literacy Framework:** No, [Alaska Computer Science Standards](#) mention priorities adjacent to but not directly equivalent to AI literacy.
- **AI Guidelines for Educators**: No.
- **State-Run Professional Development Program**: Yes, [Alaska Professional Development platform](#).
- **Digital Literacy Professional Development**: Yes, [Alaska Professional Development platform](#) offers classes on computer usage and AI literacy.
- **State DOE Educational Technology Individual/Team**: No
- **Other resources**:
  - [Alaska Digital Literacy School Awareness Survey](#) allows schools to self-assess their progress in digital literacy initiatives
  - [Alaska Libraries Digital Literacy Guide](#)

Alabama

- **Indirect/Direct Digital Literacy Frameworks:** Direct, [Alabama Digital Literacy and Computer Science Course of Study](#).
- **DL Frameworks Last Updated:** 2018, but currently (2025) being revised.
- **Best-Practice Digital Literacy Frameworks:** 2016 ISTE Standards.
- **AI Literacy Frameworks:** Yes, [Alabama Digital Literacy and Computer Science Course of Study](#). While this does not directly mention AI literacy, these standards directly concern understanding, defining, and discussing the ethical use of AI systems.
- **AI Guidelines for Educators**: Yes, [Alabama AI Policy Template](#).
- **State-Run Professional Development Program**: Yes, [ALDSE Online Professional Learning platform](#). Run through PowerSchool but overseen by state. Alabama offers a myriad of other professional development opportunities as well, listed [here](#). Many of these programs are outsourced.

- **Digital Literacy Professional Development**: N/A, since course listing requires PowerSchool sign-in.
- **State DOE Educational Technology Individual/Team**: Individual, EdTech coordinator at [Alabama Office of Student Learning](#).
- **Other resources**:
  - [Centralized resource hub for technology coordinators](#) across school systems.
  - Oxford Public Library is among 215 public libraries nationwide that have been awarded funding by the Public Library Association (PLA) to conduct digital literacy workshops using new DigitalLearn.org resources. ([GovTech](#)) – private collaboration.

Arizona

- **Indirect/Direct Digital Literacy Frameworks:** Direct, [Arizona Digital Literacy Standards.](#)
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** 2024 ISTE Standards.
- **AI Literacy Frameworks:** Yes, through ISTE digital literacy standards.
- **AI Guidelines for Educators**: Yes, [AZ AI Resources for Teachers.](#)
- **State-Run Professional Development Program**: Yes, [ADE Professional Learning and Development.](#)
- **Digital Literacy Professional Development**: Yes, Computer Science and EdTech courses. Unclear whether or not there are actually classes specifically dedicated to digital literacy, but we assume that there are.
- **State DOE Educational Technology Individual/Team**: Individual, as credited in AI Guidance document.
- **Other resources**:
  - [Centralized resource hub for technology coordinators](#) across school systems.
  - Oxford Public Library is among 215 public libraries nationwide that have been awarded funding by the Public Library Association (PLA) to conduct digital literacy workshops using new DigitalLearn.org resources. ([GovTech](#)) – private collaboration.
  - While not DOE-affiliated, the [Arizona Technology in Education Association](#) advocates for EdTech solutions in AZ.
  - AZ dedicated [Digital Learning Specialist](#) for student support and academic enrichment
  - Through [SB1656](#), beginning August 1, 2027 "shall establish a media literacy endorsement as a requirement for all certificated teachers who

provide instruction in kindergarten programs or in any of grades one through twelve."

Arkansas

- **Indirect/Direct Digital Literacy Frameworks:** Indirect, Guidebook for Digital Learning mentions information literacy and describes standards adjacent to digital skills, but does not directly address literacy initiatives.
- **DL Frameworks Last Updated:** 2021.
- **Best-Practice Digital Literacy Frameworks:** None.
- **AI Literacy Frameworks:** None.
- **AI Guidelines for Educators**: None.
- **State-Run Professional Development Program**: Yes, Arkansas [Professional Learning Partner Guide.](link)
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None.

California

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [California Digital Learning Integration and Standards Guidance](link), which identifies avenues for tech integration in English, Language and Math, provides guidance on teaching the core subjects using technology, and [AB873](link), which will make digital citizenship in each pupil a priority.
- **DL Frameworks Last Updated:** 2023.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE Standards (edition unclear).
- **AI Literacy Frameworks:** Yes, in [AI Guidance Kit](link) under "Fundamental Skills for Educators and Students".
- **AI Guidelines for Educators**: Yes, in [AI Guidance Kit](link) for Educators.
- **State-Run Professional Development Program**: [State-compiled online list](link), but entirely outsourced.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None, just DOE Information Technology Branch Division.
- **Other resources**:
  - [S.B. 830](link) (2018) "ensure[s] that young adults are prepared with media literacy (includes digital citizenship) skills necessary to safely, responsibly, and critically consume and use social media and other forms of media."

Colorado

- **Indirect/Direct Digital Literacy Frameworks:** Direct, in [Colorado Computer and Digital Literacy Competencies.](#) Standards are relatively loose, being age- rather than grade-based.
- **DL Frameworks Last Updated:** 2022.
- **Best-Practice Digital Literacy Frameworks:** Yes, Common Sense Education.
- **AI Literacy Frameworks:** Yes, as part of Colorado Roadmap for AI in K-12 Education.
- **AI Guidelines for Educators**: Yes, Colorado [Roadmap](#) for AI in K-12 education (2024), co-signed by Colorado Commissioner of Education and Colorado Education Initiative President. Directly mentions digital literacy.
- **State-Run Professional Development Program**: Colorado [Professional Development Platform.](#)
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None.
- **Other resources**:
    - [State DOE-endorsed teacher resources](#) for teaching digital literacy in their classrooms
    - [Colorado Educational Technology team](#) is separate from state government

Connecticut

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Digital Citizenship, Internet Safety, and Media Literacy Guidelines](#).
- **DL Frameworks Last Updated:** 2020.
- **Best-Practice Digital Literacy Frameworks:** Yes – ISTE, Common Sense Media, and AASL.
- **AI Literacy Frameworks:** None.
- **AI Guidelines for Educators**: [State Department of Administrative Services Guidance on AI](#), which directly addresses both students and teachers.
- **State-Run Professional Development Program**: None, Connecticut outsources its online professional development platforms.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, via [Connecticut Educational Technology Commission](#).

Delaware

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through the [Digital Citizenship Education Act](#) which created these [Media Literacy State Standards.](#)
- **DL Frameworks Last Updated:** 2022.
- **Best-Practice Digital Literacy Frameworks:** Yes – ISTE, AASL, and CCSS.
- **AI Literacy Frameworks:** Yes, [AI Literacy Frameworks](#) provided within AI Guidance packet.
- **AI Guidelines for Educators**: Yes, in [Delaware Guidance on AI in classroom settings](#).
- **State-Run Professional Development Program**: Yes, [Delaware Professional Development Management System](#).
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None.

Florida

- **Indirect/Direct Digital Literacy Frameworks:** Direct, in [statewide standard requirements](#) (CPALMS).
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** No.
- **AI Literacy Frameworks:** Direct, in [statewide standard requirements](#) (CPALMS).
- **AI Guidelines for Educators**: None from FL DOE, but guidance published by [Florida K-12 AI Education Task Force](#).
- **State-Run Professional Development Program**: None, FL professional development is largely done in-person.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, through [Technology and Innovation Office](#).
- **Other resources**:
  - [Digital Classrooms Plan (DCP)](#) by the FL DOE supports efforts to improve student performance by "using technology in the classroom and improving digital literacy and competency"

Georgia

- **Indirect/Direct Digital Literacy Frameworks:** Indirect, via [Georgia's Technology Standards to Support 21st-Century Learning](#). Digital citizenship is briefly mentioned in [National Standards for Quality Online Teaching](#).
- **DL Frameworks Last Updated:** 2022.

- **Best-Practice Digital Literacy Frameworks:** Yes, for teachers – ISTE (2024)**.**
- **AI Literacy Frameworks:** Yes, adjacent topics discussed in [GA DOE guidance on AI usage](#).
- **AI Guidelines for Educators**: Yes, [GA DOE guidance on AI usage](#).
- **State-Run Professional Development Program**: Yes, [GA DOE Inspire](#).
- **Digital Literacy Professional Development**: Georgia had webinars on K-5 and 6-12 digital literacy education, but has sunset that platform. These are not locatable on the new platform, but they should still exist.
- **State DOE Educational Technology Individual/Team**: Team, [Office of Technology Services](#) handles EdTech for the state via a ticketing system
- **Other resources**:
  - GA DOE [digital media and literacy page](#) (very broad).

Hawaii

- **Indirect/Direct Digital Literacy Frameworks:** None.
- **DL Frameworks Last Updated:** N/A.
- **Best-Practice Digital Literacy Frameworks:** N/A.
- **AI Literacy Frameworks:** Yes, HI DOE [AI introduction and literacy page](#).
- **AI Guidelines for Educators**: Yes, HI DOE [AI introduction and literacy page](#).
- **State-Run Professional Development Program**: Yes, through [Hawaii State Teacher's Association](#).
- **Digital Literacy Professional Development**: No, although they may exist. The online professional development platform is being renovated/rebuilt, and previous course listings are being updated (and thus not available).
- **State DOE Educational Technology Individual/Team**: None.
- **Other resources**:
  - AI literacy professional development being implemented in [Update on AI](#) by DOE's Office of Curriculum and Instructional Design

Idaho

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Idaho DOE Digital Literacy standards](#)'s 'One Digital Literacy Credit' which is a combination of Information and Communication Technology Standards and Computer Science Standards.
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** No. [Previous standards](#) adhered to UNESCO, but current ones do not cite any organization or framework.
- **AI Literacy Frameworks:** Yes, through [Idaho DOE Digital Literacy standards](#).

- **AI Guidelines for Educators**: None. The only guidance provided by ID DOE has been a [very general statement](#) from the state superintendent encouraging teachers to familiarize themselves with AI.
- **State-Run Professional Development Program**: None.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None.
- **Other resources**:
  - [Idaho Digital Learning Alliance](#) offers digital skills classes virtually across the state (marketed towards K-12 students)
  - [Idaho Digital Skills partners with GCF Global](#) to provide digital literacy online course

Illinois

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Illinois media literacy framework](#), [computer literacy opportunities](#), and [digital literacy framework](#) page.
- **DL Frameworks Last Updated:** 2022.
- **Best-Practice Digital Literacy Frameworks:** Yes, Common Sense Media.
- **AI Literacy Frameworks:** Yes, through adherence to Common Sense Media.
- **AI Guidelines for Educators**: None, but guidance coming soon from DOE via [S.B. 1920](#).
- **State-Run Professional Development Program**: Yes, [IL professional development platform.](#)
- **Digital Literacy Professional Development**: Yes, through computer literacy classes offered on [IL professional development platform.](#)
- **State DOE Educational Technology Individual/Team**: Team, through [Learning Technology Center](#).
- **Other resources**:
  - Illinois Broadband details [20 things educators need to know about digital literacy](#)

Indiana

- **Indirect/Direct Digital Literacy Frameworks:** Yes, through [IN DOE Digital Citizenship Standards](#).
- **DL Frameworks Last Updated:** 2016.
- **Best-Practice Digital Literacy Frameworks:** No.
- **AI Literacy Frameworks:** Yes, through [IN DOE AI Guidance](#).
- **AI Guidelines for Educators**: Yes, through [IN DOE AI Guidance](#).

- **State-Run Professional Development Program**: Yes, through [Indiana Learning Lab.](#)
- **Digital Literacy Professional Development**: Yes, through [Indiana DOE Digital Learning and Professional Development resources](#).
- **State DOE Educational Technology Individual/Team**: None.
- **Other resources**:
  - EdTech conferences for teachers held in schools across the state during the summer, paid for via Summer of Learning grants.
  - Schools can apply for Digital Learning Grant (resources), Digital Learning Coach Grant (employee to support staff efforts), or Digital Learning Parent and Family Support Grant (resources and support for community parents). All details detailed in [DOE Digital Learning overview page](#).
  - [Indiana Course Access Network](#) available for students as online courses to supplement in-person classes. Passive development of digital literacy skills.

Iowa

- **Indirect/Direct Digital Literacy Frameworks:** Direct, in [Iowa Technology Literacy Standards](#).
- **DL Frameworks Last Updated:** In PDF form, 2010. However, their webpage seems to have been updated significantly more recently than that. Their standards are also said to adhere to those of ISTE–by that logic, the most recent update would have been 2024.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** None, as AI is solely discussed in the technical sense in Iowa [Career and Technology Standards](#). Although adherence to ISTE would imply AI Literacy Frameworks, because ISTE adoption is only loosely outlined for Iowa, we do not assume this to be the case.
- **AI Guidelines for Educators**: Yes, Iowa DOE [Artificial Intelligence for K-12 Educators](#).
- **State-Run Professional Development Program**: Yes, [Iowa Learning Online Professional Development](#) platform.
- **Digital Literacy Professional Development**: None, though "Comprehensive Literacy Modules" (contents unavailable) may include digital literacy.
- **State DOE Educational Technology Individual/Team**: None, falls under purview of Office of Chief Information Officer.
- **Other resources**:

- ○ Partnership for a Healthy Iowa [outlines digital literacy](#) with a focus on how advertisements affect the brain

Kansas

- **Indirect/Direct Digital Literacy Frameworks:** Direct, via [Kansas DOE Digital Citizenship resources](#).
- **DL Frameworks Last Updated:** Unclear, but page appears to have been updated in 2025.
- **Best-Practice Digital Literacy Frameworks:** Yes, Common Sense Media.
- **AI Literacy Frameworks:** Yes, via adherence to Common Sense Media.
- **AI Guidelines for Educators**: Yes, via [AI in Education](#) webinars hosted by KSDE IT team.
- **State-Run Professional Development Program**: None, [KSDE](#) does not approve professional learning providers. Professional development is up to individual districts.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None.
- **Other resources**:
  - ○ Kansas Standards for Library and Information Skills mention "responsible digital citizenship", "Internet safety rules", and "digital identity and reputation"
  - ○ [University of Kansas institute partners with U.S. secondary school teachers](#) and college humanities professors to discuss AI and digital literacy implementations and dangers

Kentucky

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Kentucky DOE Digital Citizenship page](#) and [KY Technology Standards](#), which mention computer/digital literacy.
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** Yes, mentioned in [2018 KY Computer Science standards](#)–although there are newer editions of these standards, we assume continuity.
- **AI Guidelines for Educators**: Yes, [KY AI Guidance Brief](#).
- **State-Run Professional Development Program**: Yes, through [KY Standards Professional Learning Modules](#).

- **Digital Literacy Professional Development**: Yes, mentioned in KY Standards as being enforced via ISTE Teacher standards.
- **State DOE Educational Technology Individual/Team**: Team, KY DOE [Office of Educational Technology.](#)
- **Other resources**:
  - KY computer-to-student ratio is currently between .6 to 1 in all school districts.
  - 96% of KY districts report "purposeful implementation of the nine elements of digital citizenship on the 2020-2021 digital readiness survey."
  - [Digital Driver's License](#) used to house resources and progress

Louisiana

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [LA DOE Digital Literacy Standards](#)
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** No.
- **AI Literacy Frameworks:** Yes, as part of [LA DOE AI Guidance.](#)
- **AI Guidelines for Educators**: Yes, in [LA DOE AI Guidance.](#)
- **State-Run Professional Development Program**: Yes, [LDOE Professional Development](#).
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, through statewide [DOE-managed EdTech organization](#). Unclear whether this group is overseen by a supervisory team, but we assume so.
- **Other resources**:
  - Parallel to digital literacy: [2026-2027 school year will require students in grades 6-8 to take computer science basic courses](#)
  - LA DOE also offers introductory [prompt engineering](#) and [overall integration advice](#)

Maine

- **Indirect/Direct Digital Literacy Frameworks:** Direct, explicitly mentioned in Maine's ELA Standards
- **DL Frameworks Last Updated:** 2020.
- **Best-Practice Digital Literacy Frameworks:** No.
- **AI Literacy Frameworks:** Yes, via [AI Guidance Toolkit](#).
- **AI Guidelines for Educators**: Yes, [AI guidance framework from Maine DOE](#) and [AI Guidance Toolkit](#).

- **State-Run Professional Development Program**: Yes, through [Maine's Professional Learning Webinar Library](#).
- **Digital Literacy Professional Development**: Yes, [Webinar library](#) has a digital learning series, which we assume to include digital literacy.
- **State DOE Educational Technology Individual/Team**: Individual, Coordinator of Learning with Technology.
- **Other resources**:
  - [Integration of digital literacy into literacy agenda, descriptive loosely](#)

Maryland

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through discussion of digital citizenship in [MD's Digital Learning Standards](#) and [Digital Citizenship Standards](#).
- **DL Frameworks Last Updated:** 2022.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** Yes, mentioned in [AI Guidance from State BOE](#).
- **AI Guidelines for Educators**: Yes, in [AI guidance from MDSE](#).
- **State-Run Professional Development Program**: Yes, through [MD professional development webinar series](#).
- **Digital Literacy Professional Development**: Yes, [webinar series](#) includes classes on digital literacy and AI literacy.
- **State DOE Educational Technology Individual/Team**: Team, appears to be overseen by Digital Learning and School Library Media Branch.
- **Other resources**:
  - Maryland department of labor's [Digital Literacy Framework for Adult Learners](#) (2021-) aims to provide structure and definition, evaluation, and encourage technology integration
  - Established the [Digital Learning and School Library Media Branch](#)
    - "Establish student-centered digital learning environments where students are empowered to think creatively and critically as engaged members of a learning community by building the capacity of our educators and providing equitable access to digital resources."
  - [SB617: The Equivalent and Nonvisual Access Accountability act for K-12 Education](#)
    - Brings an accessibility requirement into the procurement process for digital educational tools in MD's K-12 schools

Massachusetts

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Digital Literacy and Computer Science Curriculum](#).
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** Yes, CSforALL (and others).
- **AI Literacy Frameworks:** Yes, through [Digital Literacy and Computer Science Curriculum](#).
- **AI Guidelines for Educators**: Yes, through [MA DOE AI Guide](#).
- **State-Run Professional Development Program**: Yes, through [various professional development platforms](#) and resources that are MA-specific.
- **Digital Literacy Professional Development**: Yes, Project Lead the Way curriculum, offers [professional development](#).
- **State DOE Educational Technology Individual/Team**: Team, through [Office of Educational Technology](#) (has earned three SETDA awards).
- **Other resources**:
  - DLCS curriculum [implementation](#) with suggested courses, standards, and resources by grade level
    - [Implementation process, by district](#)–advised, not required

Michigan

- **Indirect/Direct Digital Literacy Frameworks:** None.
- **DL Frameworks Last Updated:** N/A.
- **Best-Practice Digital Literacy Frameworks:** None.
- **AI Literacy Frameworks:** Yes, as part of [AI Guidance for Teachers](#).
- **AI Guidelines for Educators**: Yes, through collaboration with Michigan Virtual for [AI Guidance for Teachers](#).
- **State-Run Professional Development Program**: Yes, [Michigan Virtual](#).
- **Digital Literacy Professional Development**: Not directly, but through [blog posts](#) and Michigan Virtual classes like Instructional Practices with Technology.
- **State DOE Educational Technology Individual/Team**: Team, MI DOE has dedicated [EdTech team](#).
- **Other resources**:
  - [MCL388.1704F](#): MI DOE requires grant recipients to follow [Assessment Digital Literacy Preparation Program](#) specifications
    - Michigan districts partner with third-party organization qualified to assess digital literacy and prepare digital skills in students

Minnesota

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through mention of digital citizenship in [MN ELA Standards](#) and indirectly through [Digital Literacy Resource List](#).
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** Yes, Common Sense Media, National Cyber Security Alliance, and more.
- **AI Literacy Frameworks:** Yes, mentioned and introduced in classes through [AI Guidance](#).
- **AI Guidelines for Educators**: Yes, through [AI Guidance](#).
- **State-Run Professional Development Program**: None.
- **Digital Literacy Professional Development**: Yes, outsourced (links to other organizational resources).
- **State DOE Educational Technology Individual/Team**: None, Minnesota Educational Technology Task Force used to handle EdTech in the state, but has since been rendered inactive.

Mississippi

- **Indirect/Direct Digital Literacy Frameworks:** Yes, through [Digital Literacy Instruction Guide](#), which details incorporation of digital literacy into the entire curriculum. Also mentioned in [Mississippi College and Career-Readiness Learning Standards for Library](#).
- **DL Frameworks Last Updated:** 2023.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE and Common Sense Media.
- **AI Literacy Frameworks:** Yes, mentioned in [MS AI Standards and Guidance](#).
- **AI Guidelines for Educators**: Yes, through [MS AI Standards and Guidance](#).
- **State-Run Professional Development Program**: Yes, through various platforms linked [here](#).
- **Digital Literacy Professional Development**: None, MS professional development course listing does not include digital literacy (or adjacent) courses.
- **State DOE Educational Technology Individual/Team**: Team, through Office of Technology and Strategic Services.
- **Other Resources:**
  - [Digital Literacy + Digital Citizenship lesson plans and suggestions](#), grade-based and linking outside resources
    - [Further detail](#) with linkage to specific standards and content

- ○ [Mississippi Connects](#) - provide every public-school student with technology for in-school and at-home learning
  - Digital learning coaches
  - Data on teacher and student connectivity and computer access

Missouri

- **Indirect/Direct Digital Literacy Frameworks:** Indirectly, through both [K-12 ELA Standards](#) and [Information and Communications Technology Literacy Standards](#).
- **DL Frameworks Last Updated:** 2010.
- **Best-Practice Digital Literacy Frameworks:** Yes, AASL and ISTE.
- **AI Literacy Frameworks:** Yes, frequently mentioned in [AI Guidance](#).
- **AI Guidelines for Educators**: Yes, through [AI Guidance](#).
- **State-Run Professional Development Program**: Yes, through [Virtual Learning Platform](#).
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None.
- **Other Resources:**
  - ○ [SB678: "Media Literacy and Critical Thinking" pilot program](#) — DESE selects several school districts as pilot sites during 2024-25 and 2025-26 school years to address components of media literacy, digital fluency, and digital literacy, and report on methods to doing so
    - DESE will provide a summary to the General Assembly on results and recommendations for instructional materials and technologies for statewide program
    - Bill HB116 delayed pilot program to 2026-27 and 2027-28 school years
  - ○ [Information and Communications Technology Literacy Course Expectations](#).

Montana

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [K-12 Digital Literacy and Computer Science Guidelines](#).
- **DL Frameworks Last Updated:** 2018.
- **Best-Practice Digital Literacy Frameworks:** Yes, [Code.org](#), k12cs, hourofcode.
- **AI Literacy Frameworks:** Yes, mentioned in [AI Planning Guide](#).
- **AI Guidelines for Educators**: Yes, through [AI Planning Guide](#).
- **State-Run Professional Development Program**: Yes, [Montana Learning Hub](#).

- **Digital Literacy Professional Development**: Yes, professional development courses on [Digital Citizenship and Digital Learning](#).
- **State DOE Educational Technology Individual/Team**: None, all EdTech associations seem to be separate from government agency.
- **Other Resources:**
  - Created by state legislature in 2009*: [Montana Digital Academy](#) provides online courses that may or may not be available in specific public schools
    - "AI-centrist approach"
    - Framework for AI usage in school districts
    - Course: Artificial Intelligence in the World

Nebraska

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through both [Nebraska K-12 Technology Scope and Sequence](#) (focus on digital citizenship) and [Nebraska Library Commission Digital Literacy Guidebook](#).
- **DL Frameworks Last Updated:** 2018.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE and Common Sense Media.
- **AI Literacy Frameworks:** Yes, as discussed in [AI professional development class](#).
- **AI Guidelines for Educators**: Yes, through [AI professional development class](#).
- **State-Run Professional Development Program**: Yes, [NDE Learning Network.](#)
- **Digital Literacy Professional Development**: Yes, [Digital Citizenship for Teachers](#).
- **State DOE Educational Technology Individual/Team**: Team, Nebraska [Educational Technology team](#).
- **Other Resources:**
  - DOE links to DFi (Digital Futures Initiative) as resource for digital citizenship lessons for children
    - Also links to Common Sense Media and others

Nevada

- **Indirect/Direct Digital Literacy Frameworks:** Direct, as part of [NV Digital Learning Plan](#) (digital citizenship) and [State Literacy Plan](#).
- **DL Frameworks Last Updated:** 2021.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** Yes, discussed in [Nevada AI Guidance](#).
- **AI Guidelines for Educators**: Yes, through [Nevada AI Guidance](#).

- **State-Run Professional Development Program**: Yes, through [Nevada Professional Learning Platform](#).
- **Digital Literacy Professional Development**: Yes, through adjacent [21st Century Skills class](#) and [EdTech class](#) in NV professional development portal.
- **State DOE Educational Technology Individual/Team**: Team, through [Office of Teaching and Learning](#) (though Director position appears to be vacant)

New Hampshire

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Digital Literacy Toolkit](#).
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** Yes, discussed at [AI Educational Summit](#).
- **AI Guidelines for Educators**: Yes, through [AI Educational Summit](#).
- **State-Run Professional Development Program**: Yes, through [NH PD webinars.](#)
- **Digital Literacy Professional Development**: Yes, discussion of [cross-content literacy in PD webinars](#).
- **State DOE Educational Technology Individual/Team**: Team, [NH Educational Technology Team](#).
- **Other Resources:**
  - Digital Literacy [Competencies](#) – ISTE framework and standards: empowered learners, custom learning environment, digital citizens, digital footprint, digital privacy, knowledge constructors (creation, evaluation, curation), innovative designers, computational thinkers, creative communicators, global collaborators, multiple viewpoints
  - [Ed 306.33](#): minimum requirements districts use to establish digital literacy program for K-12
    - Graduation requirement of ½ credit in digital literacy
  - New Hampshire has contract with Khan Academy to use their AI agent, Khanamigo, for AI education throughout the state

New Jersey

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [NJ Information Literacy Standards](#) which are stated to directly include digital literacy.
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** No.
- **AI Literacy Frameworks:** None.

- **AI Guidelines for Educators**: Yes, through New Jersey's [AI Guidance](#).
- **State-Run Professional Development Program**: Largely in-person, but [online sessions](#) are run as well.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, [New Jersey Office of Innovation Educational Technology](#).
- **Other Resources:**
  - [Partnership](#) between State Library, DOE, NJ Association of School Librarians, and LibraryLinkNJ to help public schools prepare for Information Literacy standards
    - Direct partnership with teachers in defining and redefining digital citizenship and digital literacy in the classroom which is "already being addressed–its importance is too great to neglect"

New Mexico

- **Indirect/Direct Digital Literacy Frameworks:** Indirect, through alignment with [Common Core Media Literacy Standards](#).
- **DL Frameworks Last Updated:** 2017.
- **Best-Practice Digital Literacy Frameworks:** Yes, Common Core.
- **AI Literacy Frameworks:** Yes, included in [NM DOE AI Guidance for K-12](#).
- **AI Guidelines for Educators**: Yes, through [NM DOE AI Guidance for K-12](#).
- **State-Run Professional Development Program**: Yes, [NM professional learning platform](#).
- **Digital Literacy Professional Development**: Yes, through [Digital Respons-Ability Regional Education Centers](#) provide digital citizenship training to educators all over NM (as part of agreement between partnership between Google Kids and NMPED)
- **State DOE Educational Technology Individual/Team**: Team, Office of Educational Technology.
- **Other Resources:**
  - [New Mexico Public Education Department received Google Kids Initiative grant from New Mexico Community Trust](#)
  - In 2021, Google settled with New Mexico over (malicious) data collection practices. Now (2024), [Google is funding community education programs via DOE about online safety](#) and digital literacy.

New York

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [New York State K-12 Computer Science and Digital Fluency Learning Standards](#) and [Media Literacy Toolkit for Educators](#).
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** No.
- **AI Literacy Frameworks:** Yes, discussed in [AI Guidance](#).
- **AI Guidelines for Educators**: Yes, through NY SDE [AI Guidance](#).
- **State-Run Professional Development Program**: No, professional learning handled by individual districts or outsourced for statewide resources.
- **Digital Literacy Professional Development**: Yes, [professional learning standards](#) include digital literacy.
- **State DOE Educational Technology Individual/Team**: Team, [Educational Design & Technology Office](#).

North Carolina

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [K-12 Digital Teaching & Learning standards](#).
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE, COSN, AASL, All4Ed.
- **AI Literacy Frameworks:** Yes, discussed in [NCDPI AI Guidance workbook](#).
- **AI Guidelines for Educators**: Yes, [NCDPI AI Guidance workbook](#).
- **State-Run Professional Development Program**: Yes, via [North Carolina Virtual Public School.](#)
- **Digital Literacy Professional Development**: Yes, as discussed and prioritized in [NC Digital Learning Competencies for Administrators](#).
- **State DOE Educational Technology Individual/Team**: Team, EdTech functionality carried out by [NC Digital Learning Initiative](#).
- **Other Resources:**
  - All educators have ISTE membership (and access to ISTE resources)
  - [Computer Science Standards](#) (2020) include mentions to artificial intelligence in standards that would build AI literacy but do not explicitly mention it
  - Office of Digital Teaching and Learning updated North Carolina Digital Learning Competencies in 2023
    - Accordingly updated NC Portrait of a Graduate
    - NC holds Digital Leaders Exchanges

- - [NC DOE Digital Learning Plan](#) (2022)
      - Digital citizenship, security and data privacy, proper infrastructure
  - [Digital Learning dashboard](#)
  - [Guide to Digital Citizenship for Students](#) - links to Common Sense Media resource

North Dakota

- **Indirect/Direct Digital Literacy Frameworks:** Direct, as part of [North Dakota K-12 AI Guidance Framework](#).
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE and Creative Commons.
- **AI Literacy Frameworks:** Yes, discussed in [North Dakota K-12 AI Guidance Framework](#).
- **AI Guidelines for Educators**: Yes, through [North Dakota K-12 AI Guidance Framework](#).
- **State-Run Professional Development Program**: Yes, through [ND EdHub.](#)
- **Digital Literacy Professional Development**: Yes, [digital citizenship professional development classes](#) administered by North Dakota EduTech team (as well as many other [adjacent courses](#)).
- **State DOE Educational Technology Individual/Team**: Team, ND [EduTech Team](#).

Ohio

- **Indirect/Direct Digital Literacy Frameworks:** Direct, via [Ohio Technology Instructional Strategies](#) and Ohio adoption of ISTE standards.
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** Yes, via alignment with ISTE.
- **AI Guidelines for Educators**: Yes, via [9-part training series on AI in Education](#).
- **State-Run Professional Development Program**: Yes, through Ohio DOE [Professional Development Platform.](#)
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None.
- **Other Resources:**
  - In 2015, [Ohio adopted statewide internet safety curriculum](#) through EasyTech Online Safety curriculum from [Learning.com](#) (free)

○ Ohio legislature provides Technology Integration and Professional Development funds to DOE

　　　　■ [Ohio Educational Technology Conference](#) ("one of the premier Primary-20 state educational technology conferences in the country")

Oklahoma

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Oklahoma DOE digital citizenship resources](#).
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE and Common Sense Media.
- **AI Literacy Frameworks**: Yes, via [OK DOE AI literacy guidance](#).
- **AI Guidelines for Educators**: Yes, through [Oklahoma DOE AI and digital learning recommendations](#).
- **State-Run Professional Development Program**: Yes, through OK [Professional Learning Hub.](#)
- **Digital Literacy Professional Development**: Yes, through technology literacy [professional development classes](#) from DOE.
- **State DOE Educational Technology Individual/Team**: Team, [Office of AI and Digital Learning](#).
- **Other Resources:**
  - [Oklahoma Academic Standards](#) - OK adopted 2016 ISTE standards for digital literacy and the 2023 OAS for Fine Arts for media literacy
    - Explicitly mention AI (and relationship with algorithms)

Oregon

- **Indirect/Direct Digital Literacy Frameworks:** Yes, Oregon state [digital citizenship guidance.](#)
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** Yes, NCTE and Common Sense Media.
- **AI Literacy Frameworks:** Yes, discussed in [AI guidance](#).
- **AI Guidelines for Educators**: Yes, [guidance on generative AI in K-12 classrooms](#).
- **State-Run Professional Development Program**: Yes, via the [ODE Professional Learning webpage](#).

- **Digital Literacy Professional Development**: Yes, DOE has [hubs throughout the state to provide CS and digital learning professional development](#) to surrounding teachers who choose to enroll (only some Hubs participated, and teachers had to opt in).
- **State DOE Educational Technology Individual/Team**: Team, [EdTech and Digital Learning Office](#).
- **Other Resources:**
  - [Guidance for administrators](#) on developing AI policy.
  - AI literacy frameworks for student from Digital Promise, aiEDU, UNESCO linked from [AI guidance homepage](#).
  - [DOE's Digital Instructional Materials Toolkit](#) mentions digital literacy only within the group of "various literacies"

Pennsylvania

- **Indirect/Direct Digital Literacy Frameworks:** Direct, digital citizenship included as part of Business, Computer, and Information Technology Standards, and indirectly through [information literacy toolkit](#) and [ELA standards](#).
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE and Common Sense Media.
- **AI Literacy Frameworks:** Yes, discussed in [AI Toolkit](#).
- **AI Guidelines for Educators**: Yes, [AI Toolkit](#) provided by Bureau of Special Education.
- **State-Run Professional Development Program**: Yes, through [PVAAS](#).
- **Digital Literacy Professional Development**: Outsourced PD courses as part of [information literacy toolkit](#).
- **State DOE Educational Technology Individual/Team**: None.
- **Other Resources:**
  - Non-DOE EdTech organizations include [Pennsylvania Association for Educational Communications and Technology](#) and [Pennsylvania Educational Technology Expo and Conference](#).

Rhode Island

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [RI Computer Science Standards](#), and indirectly through [RI DOE Technology Literacy](#) page.
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** Yes, through alignment with ISTE.

- **AI Guidelines for Educators**: None, but [State of Rhode Island AI Task Force](#) looking into usage of AI across various sectors, including education.
- **State-Run Professional Development Program**: Yes, [RI Professional Learning Resource Network](#).
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, Office of College and Career Readiness.
- **Other Resources:**
  - Rhode Island Title 16 Chapter 97, Gen. Laws. [16-22-28:](#) mandatory instruction on media literacy in elementary and secondary education (2017)
  - [RI large-scale 1:1 computer:student implementations](#)
  - [Rhode Island Future Ready Schools](#) provide RI edtech state-affiliated personalized digital learning plans for schools

South Carolina

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Computer Science and Digital Literacy Standards](#) (only for middle and elementary schools) and [SC Digital Literacy Standards](#) across subjects.
- **DL Frameworks Last Updated:** 2020.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE and NETS.
- **AI Literacy Frameworks:** Yes, not explicitly mentioned but adjacently discussed in [SC Artificial Intelligence Framework](#).
- **AI Guidelines for Educators**: Yes, through [SC Artificial Intelligence Framework](#).
- **State-Run Professional Development Program**: Yes, [Virtual SCPD.](#)
- **Digital Literacy Professional Development**: Yes, through [SC digital citizenship professional development class](#).
- **State DOE Educational Technology Individual/Team**: Team, EdTech overseen by [Information Technology Division](#).
- **Other Resources:**
  - [2020-24 Educational Technology Plan](#)

South Dakota

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [SD K-12 Educational Technology Standards](#) and [SD School Library Standards](#).
- **DL Frameworks Last Updated:** 2021.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.

- **AI Literacy Frameworks:** Yes, included in [SD Computer Science standard](#).
- **AI Guidelines for Educators**: Yes, through [AI in the Classroom PD](#).
- **State-Run Professional Development Program**: Yes, through [SDED](#).
- **Digital Literacy Professional Development**: No, but adjacent PD [information literacy course](#) and [AI sessions.](#)
- **State DOE Educational Technology Individual/Team**: None, but some districts have "High School Technology Integrationist" positions.

Tennessee

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [CS Implementation Guidebook](#) and [K-8 Computer Science Standards](#).
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE, CSTA, and CSforAll.
- **AI Literacy Frameworks:** None.
- **AI Guidelines for Educators**: None.
- **State-Run Professional Development Program**: Yes, [TN Professional Learning Opportunities.](#)
- **Digital Literacy Professional Development**: None
- **State DOE Educational Technology Individual/Team**: Team, [Tennessee District Technology Team.](#)
- **Other Resources:**
  - Digital citizenship specifically mentioned as course standard for [Computer Applications](#) course
  - [SB 1711 (passed)](#): public and charter school boards had to establish and submit AI use police to Department of Education for 2024-2025 school year
    - [HB 0531 (in-committee)](#): schools need to incorporate AI instruction into curricula (may not pass, not yet implemented)

Texas

- **Indirect/Direct Digital Literacy Frameworks:** Direct, [professional development requirements](#) specify that digital literacy skills must be incorporated into all content.
- **DL Frameworks Last Updated:** 2024.
- **Best-Practice Digital Literacy Frameworks:** No.
- **AI Literacy Frameworks:** None.
- **AI Guidelines for Educators**: None.

- **State-Run Professional Development Program**: No, outsourced and approved by Texas DOE.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, [Educational Technology Office.](#)
- **Other Resources:**
  - [TA-TEKS](#) (2024-2025)
    - [8th grade implementation](#) mentions digital citizenship as a necessary goal
  - [S.B. 11](#) (2019)
    - "The State Board of Education by rule shall require each school district to **incorporate instruction in digital citizenship** into the district 's curriculum"
      - "Digital citizenship" means the standards of appropriate, responsible, and healthy online behavior, including the ability to access, analyze, evaluate, create, and act on all forms of digital communication.
    - "Education requirements for a teacher must include **instruction on … digital learning, digital teaching, and integrating technology into classroom instruction**; for educating diverse student populations, including: students with disabilities, including mental health disorders; students who are educationally disadvantaged; students of limited English proficiency; and students at risk of dropping out of school"

Utah

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Utah Digital Literacy Core Standards.](#)
- **DL Frameworks Last Updated:** 2023.
- **Best-Practice Digital Literacy Frameworks:** Yes, COSN and Digital Promise.
- **AI Literacy Frameworks:** Yes, directly mentioned in [Utah DOE AI Guidance](#).
- **AI Guidelines for Educators**: Yes, through [Utah DOE AI Guidance](#).
- **State-Run Professional Development Program**: Yes, [Utah Education Network.](#)
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, Education Technology Team with dedicated Education Specialist and Digital Teaching and Learning Specialist.
- **Other Resources:**
  - [Utah Digital Teaching and Learning Grant Program](#) performance statistics

- - [Utah's Master Plan for Technology Powered Learning](#)
    - Digital citizenship mentioned briefly in conjunction with internet safety, cultural awareness, and scholarship
  - Digital literacy course taught in seventh or eighth grade
    - Mailing list for teachers teaching Utah's Digital Literacy course offers curriculum updates, workshops, teaching strategies, etc.

Vermont

- **Indirect/Direct Digital Literacy Frameworks:** Direct, mentioned in [VT DOE Digital Learning Page](#) and state is also directly following ISTE standards.
- **DL Frameworks Last Updated:** 2025.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** None.
- **AI Guidelines for Educators**: None.
- **State-Run Professional Development Program**: Yes, Vermont Professional Learning Network. Site currently unavailable.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None, unclear if there is a supervisory organization for Digital Learning.
- **Other Resources:**
  - Vermont Virtual Learning Cooperative provides licensed VT educators opportunities to transition a version of cartier course to online to be available to ~1500 students each year, 70+ schools
    - [Emphasizes importance of digital citizenship in online class](#) and encourages learning it by promoting digital accountability, integrating media literacy and digital responsibility between courses
  - [Vermont Digital Learning Plan](#) (2018 - 2021) has no mention of artificial learning or digital learning, citizenship, or skills *but* mentioned dedicating funding to professional development in integrating new technology into classrooms
  - Vermont performs an [annual technology survey](#) to assess EdTech across the state
    - 87% districts reported teaching digital literacy to students, more often taught in elementary school than secondary school

Virginia

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [2024-2029 Educational Technology](#) plan for Virginia and as part of the state's Standards of Learning.
- **DL Frameworks Last Updated:** 2024**.**
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** Yes, as part of [statewide AI in Education Guidance](#).
- **AI Guidelines for Educators**: Yes, [statewide AI in Education Guidance](#).
- **State-Run Professional Development Program**: Yes, [Virginia DOE Professional Learning.](#)
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, Office of Educational Technology and Classroom Innovation.
- **Other Resources:**
    - [VA HB2460L: Incorporation of media literacy and digital citizenship](#) (adopted by VA senate)
    - VA [Digital Learning Integration Standards](#) of Learning (2020-)

Washington

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [WA Educational Technology Standards.](#)
- **DL Frameworks Last Updated:** 2018.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** None.
- **AI Guidelines for Educators**: [Digital literacy workshops](#) for educators include AI implementation guidance.
- **State-Run Professional Development Program**: Yes, through various [webinars and easily accessible sessions](#).
- **Digital Literacy Professional Development**: Yes, media literacy, digital literacy, and digital citizenship PD offered through [free workshop by ESD EdTech specialists](#) in Washington.
- **State DOE Educational Technology Individual/Team**: Yes, [Educational Technology Team.](#)

Washington D.C.

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through both [Office of State Superintendent of Education's Embedded Technology Standards](#),

[Computer Science/Technology standards](#), K-12 Social Studies Standards and as part of [DC Profile of a Graduate](#).
- **DL Frameworks Last Updated:** 2017.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** None.
- **AI Guidelines for Educators**: None.
- **State-Run Professional Development Program**: None.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: Team, [Digital Learning and Innovation Team](#).

West Virginia

- **Indirect/Direct Digital Literacy Frameworks:** Indirectly, [College- and Career-Readiness Standards for Technology and Computer Science](#) mention digital literacy and digital citizenship.
- **DL Frameworks Last Updated:** 2019.
- **Best-Practice Digital Literacy Frameworks: No.**
- **AI Literacy Frameworks:** Yes, directly mentioned in [West Virginia DOE AI Guidance](#).
- **AI Guidelines for Educators**: Yes, [West Virginia DOE AI Guidance](#).
- **State-Run Professional Development Program**: No, professional development run by E-Learning, not managed directly by state.
- **Digital Literacy Professional Development**: None.
- **State DOE Educational Technology Individual/Team**: None.
- **Other Resources:**
  - [Elementary and Second Education Act Title IV - Part A](#): "improve students' academic achievement by increasing the capacity of States….. To provide a well-rounded education, improve conditions for student learning, and improve students' digital literacy"
    - [Reporting](#): "Funds Spent on Well-Rounded Education"
  - In 2020-2021[, a pilot of a few schools with comprehensive digital literacy instructional materials](#) was conducted. They were to report back with results in late 2024.

Wisconsin

- **Indirect/Direct Digital Literacy Frameworks:** Indirect, through [Information and Technology Literacy Standards](#).
- **DL Frameworks Last Updated:** 2017.

- **Best-Practice Digital Literacy Frameworks:** Yes, CoSN and ISTE.
- **AI Literacy Frameworks:** Yes, [Wisconsin AI Literacy Frameworks](#) based on AI Literacy Framework by the European Commission.
- **AI Guidelines for Educators**: Yes, [Wisconsin AI Guidance](#).
- **State-Run Professional Development Program**: Yes, platform run by [Wisconsin DPI.](#)
- **Digital Literacy Professional Development**: Yes, [Wisconsin Annual Digital Learning Day](#) for teachers.
- **State DOE Educational Technology Individual/Team**: Team, [Digital Learning Team.](#)
- **Other Resources:**
  - [Wisconsin Education Technology certification process](#) to form cohorts that can support their districts

Wyoming

- **Indirect/Direct Digital Literacy Frameworks:** Direct, through [Wyoming 2023 - 2028 Digital Learning Plan](#) (section dedicated to digital literacy and digital citizenship).
- **DL Frameworks Last Updated:** 2023.
- **Best-Practice Digital Literacy Frameworks:** Yes, ISTE.
- **AI Literacy Frameworks:** Yes, included in [Wyoming 2023 - 2028 Digital Learning Plan](#).
- **AI Guidelines for Educators**: Yes, [Wyoming Guidance for District-Based AI Policy](#).
- **State-Run Professional Development Program**: Yes, [Wyoming PDE.](#)
- **Digital Literacy Professional Development**: None specifically about digital citizenship/literacy, but several recently created about computational thinking and literacy.
- **State DOE Educational Technology Individual/Team**: None.
- **Other Resources:**
  - [Online digital literacy](#) and [Introduction to Artificial Intelligence](#) courses offered for high schoolers
  - [Educational Technology and Online Learning course](#) for middle schoolers (in-person, one district only, but housed on statewide catalog)