



Digital Citizenship in the Oklahoma Computer Science Standards: Grades K–8

Oklahoma Academic Standards for Computer Science (February 2023). There is no single digital citizenship strand: the topic lives in four places. Watch the **verbs**; they are what changes from grade to grade.

	Online behavior IC.SI.01	Safety and ethics IC.SLE.01	Passwords and information NI.CY	Credit for others' work AP.PD.02
Kindergarten	With guidance, identify appropriate behavior online	With guidance, identify ways to stay safe online	Discuss what passwords are and why we do not share them; with guidance, use them	Give credit to others' ideas while developing algorithms
Grade 1	Identify appropriate and inappropriate behavior, act responsibly, and know how to report concerns	Identify ways to stay safe online	Explain why passwords are not shared; discuss what makes one strong	Give credit while writing programs
Grade 2	With guidance, develop a code of conduct ; identify and report inappropriate behavior	Identify ways to stay safe online, individually and collaboratively	Use strong passwords to protect devices and information	Give credit while writing programs
Grade 3	Develop a code of conduct ; identify and report inappropriate behavior	Identify digital data with intellectual property rights	Identify problems from inappropriate use of devices and networks	Observe intellectual property rights ; give appropriate credit
Grade 4	Same standard as Grade 3	Discuss the social impact of violating intellectual property rights	Explain responsible use ; describe personal consequences of inappropriate use	Same standard as Grade 3
Grade 5	Same standard as Grade 3	Observe intellectual property rights; give credit when using resources	Discuss real-world cybersecurity problems; identify how personal information can be protected	Same standard as Grade 3
Grade 6	Describe and use safe, appropriate, responsible practices (netiquette)	Differentiate appropriate and inappropriate content; identify unethical and illegal online behavior	Identify cybersecurity concerns; explain secured websites and encryption	Incorporate existing code, media, and libraries; give attribution
Grade 7	Netiquette, plus evaluate how technology can distort, exaggerate, and misrepresent information	Model the link between data longevity, online identity, and privacy	Explain how to protect physical and digital information; explain encryption methods	Same attribution standard, programs of increasing complexity
Grade 8	Netiquette, plus understand the impact of not using safe practices	Discuss social and ethical impacts of cybersecurity, including positive and malicious purposes of hacking	Evaluate procedures to protect data; explain impacts of threats and attacks	Same as Grade 7

Standard codes follow grade.concept.subconcept.number (for example 6.IC.SI.01). IC.SI and IC.SLE are under Impacts of Computing; NI.CY is Networks and the Internet, Cybersecurity; AP.PD.02 is Algorithms and Programming, Program Development. Paraphrased from the February 2023 OAS-CS published by the Oklahoma State Department of Education. Confirm current implementation status with OSDE and your district.

What to do with this chart: take one grade's plan and check that each lesson uses the verb in its row. Tell me which standard is hardest to teach: reply to any Sooner Standards email with your grade and the standard, and I will use the replies to choose what I build next.

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