FREE POSTER

Digital Literacy at School

The official framework and its current status, plus how Ozobot coding fits in.

CSTA PK–12 Computer Science Standards (2026)

Status: A professional standards framework, revised in 2026 as the successor to CSTA's 2017 K–12 standards. Not a national curriculum that every school must follow: check your state and district requirements. Twelve practices in four categories (one is computational thinking); AI is spread across the five concepts.

Algorithms & Design	Designing step-by-step solutions to problems
Programming	Creating, testing, and improving programs
Data & Analysis	How data is collected, represented, and used
Systems & Security	How devices, software, and networks work, and how to keep them secure
Computing & Society	How computing affects people and society

Source: CSTA PK–12 Computer Science Standards · csteachers.org/pk12standards/ · checked on October 27, 2026

Where does Ozobot coding fit?

A good fit
Designing algorithms, coding with color codes and blocks, testing, and improving.

A partial fit
Digital systems (input, processing, output), collecting data, and exploring how AI works.

Other materials needed
Finding and evaluating information, safety and privacy, and online behavior.

How to start

1. Compare your current offering with the framework: what are you already doing, and what's still missing? The situation may change, so check the original source if in doubt.
2. Plan a continuous progression for coding: start with screen-free Color Code programming, then move on to block-based coding.
3. Plan time for professional development: have teachers program a robot themselves during a team session.

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