

Recommendation for K-8 Computer Science Standards for Colorado

We recommend using the K-12 [Computer Science Teacher Association](#) (CSTA) standards for K-8 Computer Science education in Colorado. The CSTA standards:

- were developed by a national team of educators,
- have been adopted by several other states,
- were recently revised (in 2017), and
- were the foundation of the Colorado High School Computer Science standards.

Furthermore, many current Computer Science curricula are aligned to the CSTA standards.

The [CSTA standards](#) provide teachers with grade-level content guidance and detailed, measurable student performance expectations. Also available is the [K-12 CS Framework](#), which offers teachers core practices, pedagogical principles, and an understanding of the practices behind the standards.

The CSTA standards have technical vocabulary that may be difficult to understand, especially for teachers new to computer science. Please see the [CDE Computer Science website](#) for additional information and support.

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