



## Considerations for Computer Science

*"As our economy grows in advanced technology, our investment in that learning must grow with it," Reykdal said. "It is especially important that we ensure access to student populations who have not typically engaged in computer science education. This is key to our commitment to equity."*

*– Chris Reykdal, Superintendent of Public Instruction*

### Social Emotional Support

#### Getting Classroom Culture Right with Practical SEL.

- The [Classroom Culture Right with Practical SEL](#) resource explains social-emotional learning (SEL), and why it should be intentionally incorporated into classrooms. Teachers will also find tips for overcoming common SEL obstacles, and strategies for strengthening their classroom's SEL culture. When we do that, the school feels safe—everyone knows they belong.
- [School-Community Partnerships for Students During COVID-19](#) is a framework for ensuring students are learning, have childcare if needed, and receive social-emotional support during the COVID-19 pandemic in Washington state.

### Relevance

#### Adopt equitable practices and understand typical issues:

- [Equitable Practices Remote Teaching Guide](#) from the NYC DOE CS4All team
- [Emergency Remote Teaching: Challenges & Possible Solutions](#) from CSTA Equity Fellow Jackie Corricelli
- Support digital citizenship. Remind students to use appropriate and considerate language and consider their digital footprint. [Learn more from Common Sense Media.](#)

### Integration of Computer Science

#### Plan for curriculum and instruction thoughtfully.

- [3 Ways to Integrate Computer Science into Your COVID-19 Planning](#) - CSforALL
- [Code At Home](#) - Girls Who Code

- [Code Club Projects](#) - Free creative 3rd–12th grade computer science projects designed and shared in a student-friendly, self-directed way. Project platforms include Scratch, HTML/CSS, Python, Blender, MicroBit, Raspberry Pi
- [Learning computer science when schools are closed](#) - Code.org
- [Scratch](#) - An open computing platform to allow students to create almost anything they can imagine. Scratch uses block-based programming.
- [Scratch Jr](#) - An iPad app that allows younger students to create basic projects using colorful block-based code.

## Instructional Practices

- [Accessibility Tips](#) on Moving Your Course or Resource Online from AccessCSforAll and AccessComputing at UW
- [CultofPedagogy.com](#) created the [Teacher’s Guide to Tech in hand](#), you’ll be able to explore educational technology in a more systematic, less haphazard way. There are many resources to [reopening schools](#).
- A series of [Advanced Placement \(AP\) YouTube Videos](#) that offer support for in-person, hybrid/blended, and online learning. Get insights and best practices for using digital resources in AP classrooms.
- With the outbreak of COVID-19, at CSTA they know that many members will be supporting their students remotely. Teaching CS is already difficult, and moving to a virtual environment can be challenging, so CSTA has compiled a list of resources to help teachers support their students during this trying time. We encourage you to keep visiting the [CSTA resource page](#) for the most up-to-date resources.
- The [Guide to Remote Teaching Best Practices from the Microsoft TEALS Program](#) provides guidance and suggestions for instructor-led remote learning programs. It is based on 8 years of TEALS remote instruction learnings.

## Special Considerations

**Computer Science can be delivered safely and effectively.**

- [Washington State Coronavirus Response](#) (COVID-19)
- [Washington State COVID-19 related information about childcare, K–12, and higher education](#)
- [Washington State COVID-19 Department of Health \(DOH\) resources and recommendations](#)

## Resources

- [Screencastify](#) is a Chrome extension that allows teachers to record screencasts for instruction. It is free for recordings of up to five minutes (which they should be anyway!). [Learn how to create screencasts](#).
- Code.org has published [Back to School FAQ & Updates for Fall 2020](#). This resource includes curriculum and course updates for the 2020–21 school year, support for online and socially-distanced learning, and specially-created resources for parents, teachers, and school and district administrators—all designed to facilitate computer science learning this fall.