



# Arlington Public Schools

869 Massachusetts Avenue, Arlington, MA 02476 | Ph: 781-316-3000 | Website: [www.arlington.k12.ma.us](http://www.arlington.k12.ma.us)

## Digital Literacy and Computer Science Curriculum Resources

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<a href="#">Code.org K-12 Curriculum</a>	Courses from Code.org for students in grades K-12 and professional learning for teachers.
<a href="#">K-12 Common Sense Media Digital Citizenship Curriculum</a>	Use digital citizenship lesson plans to address timely topics and prepare students to take ownership of their digital lives. Browse lessons by grade and topic below, or see an overview of the curriculum.
<a href="#">BrainPOP Computational Thinking Curriculum</a>	K-12 BrainPOP Technology Curriculum
<a href="#">Google CS First Interdisciplinary Curriculum</a>	Students learn through video-based lessons, with different themes like sports, art, and game design.
<a href="#">DLCS Curriculum Guide for Massachusetts Districts</a>	Provides an evaluated list of Digital Literacy and Computer Science curricula. Shows alignment of curricula with Massachusetts DLCS standards. This guide is helpful to districts in selecting quality curriculum to use for K-12 DLCS instruction.
<a href="#">Broadening Participation of Elementary Students and Teachers in Computer Science</a>	Broadening Participation of Elementary Students and Teachers in Computer Science was an NSF project that partnered ESE, the Education Development Center (EDC) and school districts around the state. This partnership developed and piloted instructional curriculum modules to facilitate implementation of the computational thinking strand of the 2016 Digital Literacy and Computer Science standards in grades 1-6. The project website includes a computational thinking handbook, integrated modules that include graphic resources, student pages, and a teacher's guide, and recorded computational thinking webinars.



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<a href="#">CSTeacherTips</a>	Tips developed by Harvey Mudd College research through funding by the National Science Foundation. These tips for CS education include how to recruit students, identify opportunities for inclusive teaching strategies, and practice responding to microaggressions.
<a href="#">CSUnplugged</a>	Free teaching lessons and associated materials to begin teaching Computer Science without using a computer.
<a href="#">CSEdWeek</a>	Resources to advocate for and teach Computer Science
AP Computer Science Principles: <a href="#">Providers of AP CSP Curricula and Pedagogical Support</a> <a href="#">Instructional Resources</a>	AP Computer Science Principles is an AP computer science course created to "attract students from a broader range of groups to computer science." ( <a href="#">CollegeBoard</a> )