AccessCS10K

uw.edu/accesscomputing/accessCS10K

Real-time support:
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AccessCS10K

Increasing the participation of students with disabilities in Exploring Computer Science and Computer Science Principles courses

Partners

AccessCS10K works with a nationwide set of partners who are invested in K-12 computing education. Our partners provide professional development to teachers and develop accessible tools and curricula.

Funding

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Capacity Building for Teachers

- **Capacity Building Institutes**
  To provide professional development to trainers
- **Online Community of Practice**
  Where faculty and other professionals discuss strategies and share resources for effective teaching of students with disabilities and accessible tools and curricula
- **Real-time Support**
  Individualized support via phone or email to advise teachers about meeting the needs of their students with disabilities

Get Support:
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Resources

- **Searchable Knowledge Base** of questions and answers, case studies, and promising practices
- **Guidelines** for making K-12 computing education accessible to students with disabilities
- **Proceedings** of capacity building institutes exploring issues related to disability and K-12 computing education
- **Videos** of universal design and accessibility guidelines

Development of Accessible Tools and Materials

- Refining tools to increase accessibility for a wide range of people with disabilities
- Creating accessible curricula for Exploring Computer Science and Computer Science Principles courses
- Teaching students to create accessible apps
- Developing online accessible programming using modern web standards
- Creating accessible materials with a nationwide team of development partners

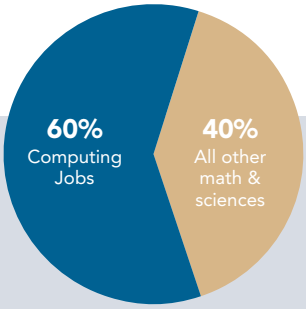
Impact of Our Work

AccessCS10K outcomes benefit society by

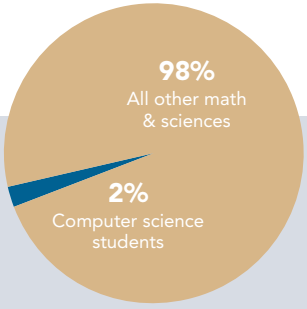
- Building the capacity of computer science high school teachers to serve students with disabilities through professional development training and individual real-time support
- Creating accessible materials—both tools and curricular units—that computing teachers can use in their classrooms

THE JOB/STUDENT GAP IN COMPUTER SCIENCE

More than half of all STEM jobs are in computing, but less than 2.4% of college students graduate with a computing degree. Increasing computer science in K-12 education can help fill the gap. Students with disabilities should be part of the solution.



JOBS



STUDENTS

Source: code.org/stats