# We should teach CS because:

**1** There is a shortage of engineers and programmers and we need to fill it.

**2** It will strengthen our local economy by attracting companies looking for technologically competent workers.

**3** Being a good citizen in the 21st century will include digital citizenship.

**4** Informed citizens need to understand the basics of how the technological world works in order to contribute productively to society as a whole.

**5** It promotes 21st century skills like creativity, collaboration and communication.

**6** Being involved in creating technologies can give confidence in dealing with complex, open-ended problems, and persistence in the face of challenges.

**7** Being able to understand and make technologies gives kids power and agency.

**8** Creating new technologies like apps, websites or robots is fun!

**9** The more people we have that understand computer science, the more innovations and new knowledge we can produce as a society.

**10** We need to produce scientific and technological innovations that solve 'wicked' problems such as climate change or 'runaway' technologies.

**11** There are major disparities in young women's engagement in STEM fields and universal CSed is part of addressing that.

**12** It will level the playing field and help close the "digital divide" and "participation gap" around tech for lower income youth and students of color.

**13** Teaching CS is a compelling new area that teachers are interested in and is a place where they can experiment with pedagogy.

**14** CSed often uses project-based approaches that can enhance school pedagogy and move away from sage on the stage approaches.

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# CS Visions Impact Areas

Competencies & Literacies

Personal Agency, Joy & Fulfillment

Equity & Social Justice

Citizenship & Civic Engagement

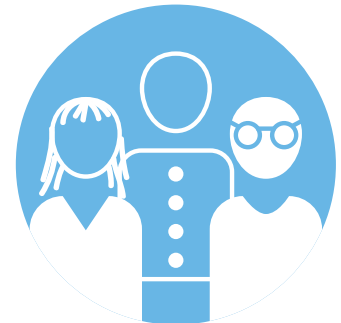Technological, Social & Scientific Innovation

Economic & Workforce Development

School Reform & Improvement

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