



# WhyCS? Statements

Cut up these cards to use during the activity.

<WhyCS logo, CSforAll logo, UC-Irvine>

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We should  
teach CS  
because...



...computational thinking  
will be key no matter  
what career youth end  
up in.

We should  
teach CS  
because...



...computing may provide  
our youth with more and  
better career  
opportunities to choose  
from.

We should  
teach CS  
because...



...it will strengthen our  
local economy by  
attracting companies  
looking for  
technologically  
competent workers.

We should  
teach CS  
because...



... there is a shortage of  
engineers and  
programmers that needs  
to be filled.

We should  
teach CS  
because...



...political and cultural  
participation are  
increasingly shaped by  
computing and our  
students need to  
understand social  
impacts of tech.

We should  
teach CS  
because...



... youth shouldn't just be  
consumers but also  
producers of technology.

We should  
teach CS  
because...



...being a good citizen in  
the 21st century will  
include digital  
citizenship.

We should  
teach CS  
because...



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

We should  
teach CS  
because...



...technological  
innovation helps promote  
human flourishing - the  
next generation needs to  
know how to do it!

We should  
teach CS  
because...



...it's important that  
people in our local  
community be equipped  
to address their own  
problems through having  
technologically fluent  
community members.

We should  
teach CS  
because...



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

We should  
teach CS  
because...



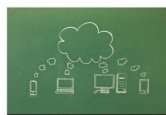
...we need to produce  
scientific and  
technological innovations  
that solve 'wicked'  
problems such as  
climate change or  
cyber-security.

We should  
teach CS  
because...



... it can promote 21st century skills like creativity, collaboration and communication.

We should  
teach CS  
because...



...computing provides youth with the ability to express themselves creatively and have voice.

We should  
teach CS  
because...



...it has students engage in design thinking - identifying problems and then prototyping, testing and iterating on solutions.

We should  
teach CS  
because...



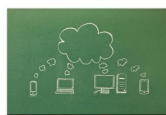
...knowing how to code is a new form of literacy.

We should  
teach CS  
because...



...there are major disparities in young women and minority engagement in STEM fields and universal CSed is part of addressing that.

We should  
teach CS  
because...



...it will level the playing field and help close the "digital divide" and "participation gap" around tech for lower income youth.

We should  
teach CS  
because...



...our technology is largely designed by economically, racially and socially privileged groups, and their biases and blind spots get embedded in our tech. CSed can help.

We should  
teach CS  
because...



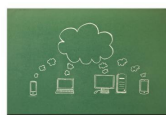
... not all tech will be in the best interest of our students - they'll need be able to think critically about technology platforms. It's a "program or be programmed" world out there!

We should  
teach CS  
because...



...computing provides youth with the ability to express themselves creatively and have voice.

We should  
teach CS  
because...



...the process of tinkering and making can lead to wonder, discovery and enjoyment.

We should  
teach CS  
because...



...being able to understand and make technologies gives kids power and agency.

We should  
teach CS  
because...



...creating new technologies like apps, websites or robots is fun!

We should  
teach CS  
because...



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teach CS  
because...



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...practices from CS might enhance student learning of traditional academic disciplines (e.g. - introducing computer simulation of an ecosystem to learn concepts in ecology, or using CS concepts to learn algebra).

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

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

...making technology is fun, so bringing CS to schools can increase student engagement.