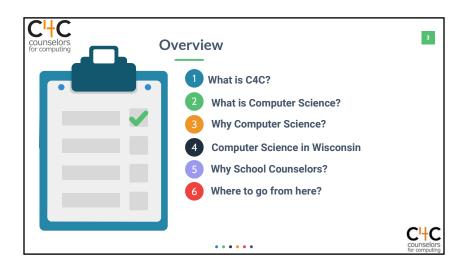




What brings you here?







Counselors for Computing

Mission

Provide counselors with information and resources they can use to support *ALL* students as they explore computer science education and careers.



How We Do It

C4C provides professional development and resources for counselors and others in an advising role.



Outreach, Activism for Change

Counselors as members of the CS Edu community:

- · Critical partners in CS for ALL
- · Recognize counselors as allies



Leadership Development

Join C4C leadership development workshops, receive stipends, and do good work.



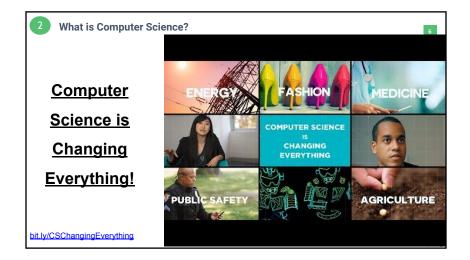
What Is Computer Science?

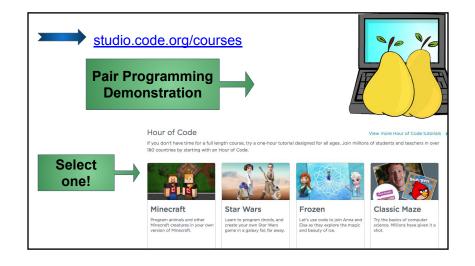
CS is posing a problem in such a way that a

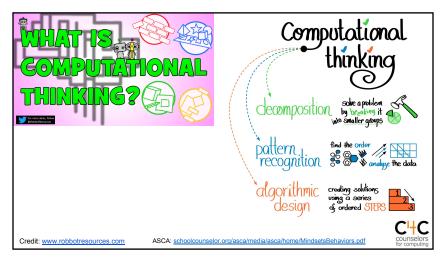
computer can help us solve it.

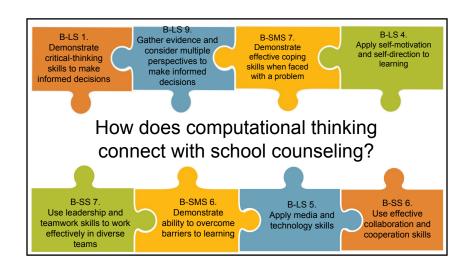
- Communicate
- Solve problems
- Design and imagine
- Share, store, retrieve, manipulate, secure information

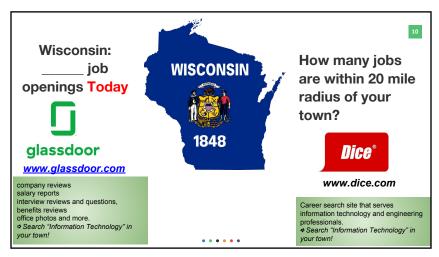
CS is **designing** computing devices and **programming** them.











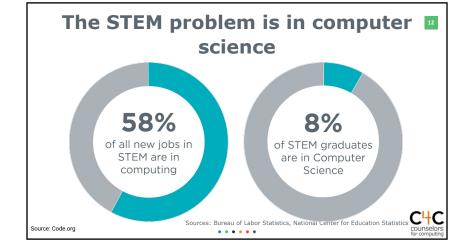
Some may think:

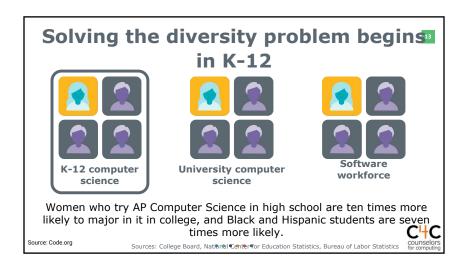
This problem is about "**STEM**" (Science, Technology, Engineering, and Math)...

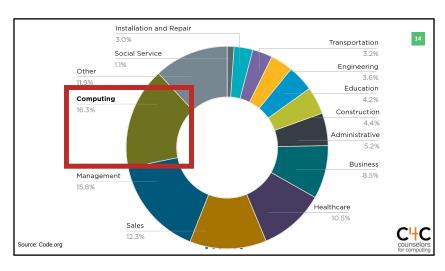
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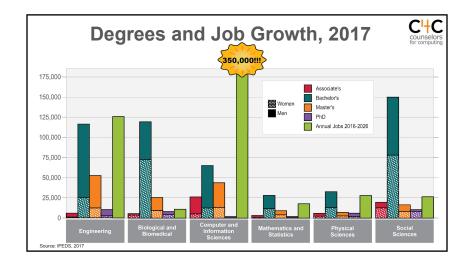
Source: Code.org

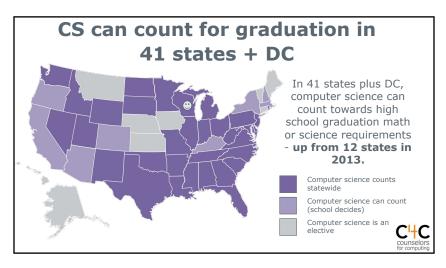
CI+C counselors

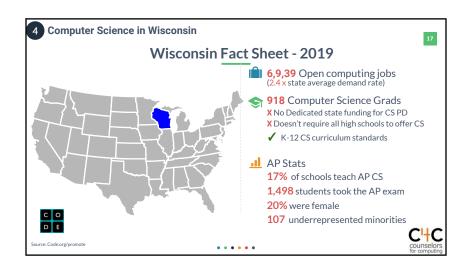




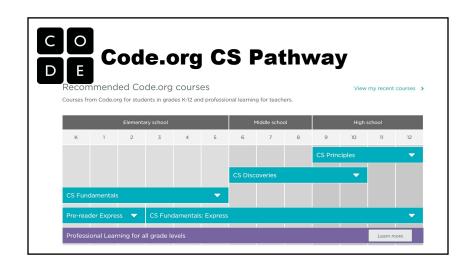




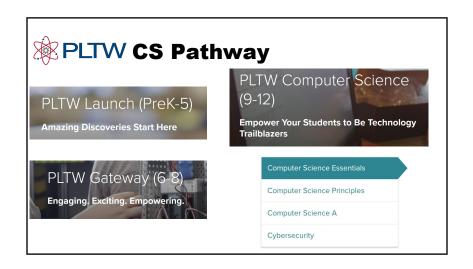


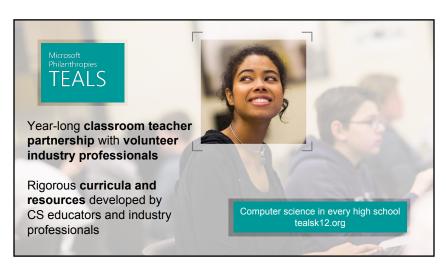


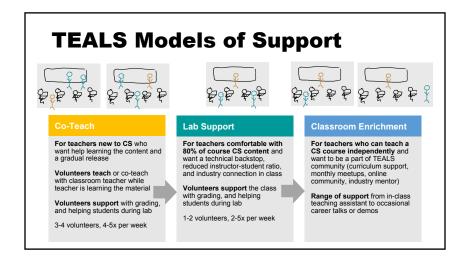


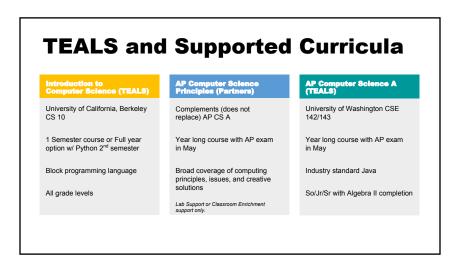












Computer Science in Every High School

A pathway for students to learn CS including the two AP College Board Exams

A sustainable **community** for teachers and industry professionals to work together

Proven model to grow teacher capacity

7 current SE WI schools, 34 statewide; 2019/20 goal of 50+ schools

Apply at: tealsk12.org/schools

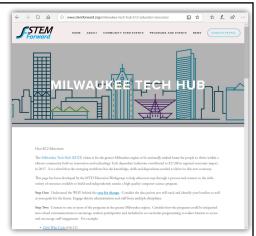


STEMforward.org

in partnership with

MKE Tech Hub

K12 Educator Resources



WI K12 CS Programs

We have discussed: Others:

•Code.org •CodeHS

•ECS •Code the Future

•PLTW •Girls Who Code

•TEALS •First Robotics (Lego)

Mark Zachar | markz@tealsk12.org | www.tealsk12.org

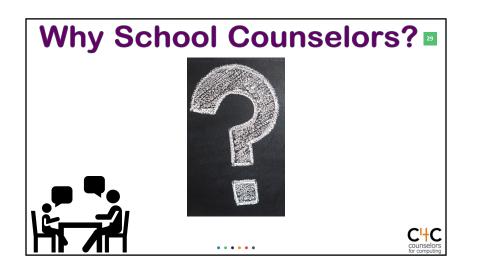
What is like to study computer science?

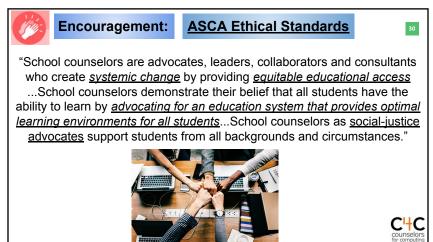


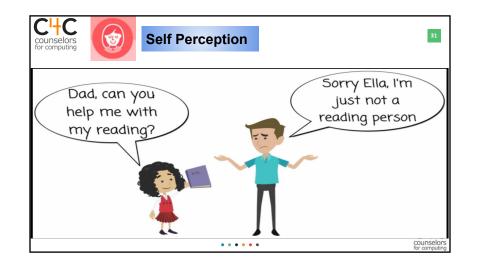




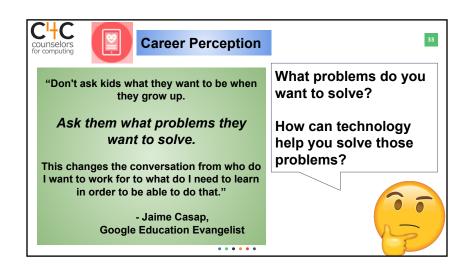


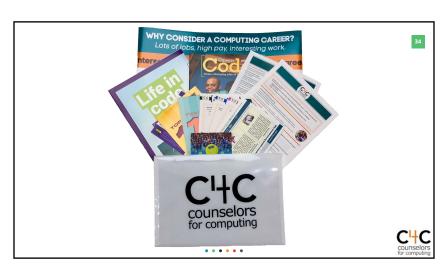


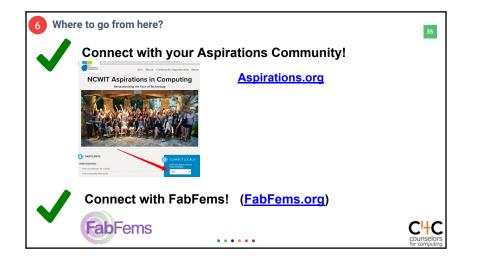
















Changes in computer science education are happening fast, with implications for counselor practice.

Many groups are involved in bringing new opportunities to your students and it all adds up to CS for ALL!

Join this movement to support all students, by bringing opportunity to those who are traditionally underrepresented in computer science classes and in computing professions. We can bring you up to speed.

@NCWIT #NCWITC4C

Thank You!

Angela Cleveland, Program Director NCWIT Counselors for Computing Julie Gustafson, NCWIT Counselors for Computing Community Manager







C4C is a project of the NCWIT K-12 Alliance, made possible by Merck.

Link to Slides: bit.lv/WSCA2019

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