Welcome to Curriculum Council

October 17, 2014

Moving Forward: Progress you are seeing in your district...

Share with a partner something you are seeing, hearing, or doing as evidence that you are on the right track and moving forward

Accountability 2014-2015

Federal: AYP

Elem. & unified districts Frozen; Only HS districts enter/advance

State: API on hold

More than just test scores; will take 2 years for growth
CAASPP 2014-15
California Assessment of Student Performance and Progress

Smarter Balanced
ELA
Mathematics
Summative 3-8; 11
Interim (ICA; IAB)
Formative Processes

Grade 2 Diagnostics available Nov 1. Not mandatory

Science: (5, 8, 10)
paper only; CST, CMA, CAPA
(NGSS field test 2017-18)

Standards Based Test in Spanish (STS)… Language Arts

November SBE & CISC Meetings

November SBE & CISC:
Information, Support about LCAP - new template
Integration/ Coherence of plans (LCAP LEAP, SPSA,)

Hoping for good information in December

SBCEO Professional Learning

Close Reading:
one type of guided instruction;
not a comprehensive literary model

Strength v. Stamina
strength: complex text
stamina: not complex

Complexity v. Difficulty

SBCEO Professional Learning
Grades 6th-12th November 19

Group Work
Productive Group Work

To Clarify
To Consolidate ideas

Goal - Sharing
Goal - Problem Solving

No individual accountability
Individual Accountability

Turn to your partner and…
conversation roundtable
heads together
opinion stations
literature circles
jigsaw
reciprocal teaching

Doug Fisher

Douglas Fisher
<table>
<thead>
<tr>
<th>Date</th>
<th>Workshop</th>
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<tbody>
<tr>
<td>10/22</td>
<td>Putting the Pieces Together (Math 1st-2nd) North</td>
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<tr>
<td>10/28</td>
<td>Adept Training (Formative Assessment EL)</td>
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<td>10/30</td>
<td>CCSS &amp; IEP Goal Writing</td>
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<tr>
<td>11/3</td>
<td>Putting the Pieces Together (Math 1st-2nd) South</td>
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<td>11/4</td>
<td>Statistics: From Describing to Deciding (6-12 Math)</td>
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<td>11/5</td>
<td>Factwise x² (Math 3rd-5th)</td>
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<td>11/7</td>
<td>Alan November (Tech for Teams K-12) series</td>
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<td>11/12</td>
<td>Digital Leadership series</td>
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<tr>
<td>11/19</td>
<td>Doug Fisher (Literacy grades 6-12)</td>
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<td>12/3-12/5</td>
<td>Pauline Gibbons cancelled</td>
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<td>12/16</td>
<td>Dual Language Collaborative</td>
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February 11-13
Anaheim

Featured Speakers
EDCamp
Panel discussion
Workshops
Quick Talks

CISC Leadership Symposium
Still have a few more spaces...
Computer Science

What is it?
Why should kids learn it?
How can you bring it to your schools?

David Bernier
Santa Barbara County Education Office

Words That We Didn’t Use
10 years ago

Apps
Wi-Fi
Smartphone
Twitter
Instagram
You Tube

Facebook
iPad
Pinterest
Wearables
Social Media
Partner Check-In

What Comes Up?

What were some thoughts that emerged for you as you looked at the previous slides?

Take a minute to chat with a partner
Connecting to Computer Science

All of the technological developments shown would not be possible without Computer Science.

Computer Science is a critical driver of innovation in our world.

How are we preparing students to be active participants in this technology saturated world?

We must provide students with the tools, experiences, and mindsets to become creators of and with technology.

What is CS?

Posing a problem in such a way that a computer can help us solve it. For example:

- How to communicate in different ways (email, texting, Twitter, etc.)
- How to buy stuff you want easier (online shopping)
- How to get somewhere, see new places (Google Maps)

Specifying a problem, designing a solution, implementing a solution (coding), debug / revise the solution.

Importance of: problem solving, innovation, communication, and collaboration

So What Exactly Is Computer Science

1 pager on What Computer Science Is and Why We Need it in Schools.

Take a few minutes to individually read, taking notes or highlighting ideas that will help you to answer the two questions in the title.

When directed, discuss the item in bold at the bottom of the sheet with a partner.

Why CS?

21st Century Skills and Literacies

"Everybody in this country should learn to program a computer, because it teaches you to think. I view computer science as a liberal art, something everyone should learn to do."  Steve Jobs

The ability to code, like the ability to read and write, is becoming essential for full participation in today's society.  Mitch Resnick
1,000,000 more jobs than students by 2020

$500 billion opportunity

1.4 million computing jobs

400,000 computer science students

http://code.org/promote

What Can School Leaders Do?

Advocate for Computer Science, not just “technology.”
Schools may be “technology rich but curriculum poor”
Jane Margolis (Stuck in the Shallow End)

Work to bring CS learning opportunities to schools
(integrated, stand-alone, and/or after school)

Work to include ALL STUDENTS not just those who are
“techies.” CS should not be “privileged knowledge.”

Equity and CS

Girls Comprise:

56% of all Advanced Placement (AP) test-takers

46% of all AP Calculus test-takers

but only ...

19% of all AP CS test-takers

Short Term

The Hour of Code

CS Ed Week — December 8-14

code.org/learn

Handout with more info

Options available for all levels K-12
**Longer Term**

Numerous options to fit your local context and capacity

K-8 Options
- KELP-CS, Scratch, Hopscotch, CS First, CS Unplugged, code.org materials
- Scratch, CS First, Creative Computing, MyCS, Robotics, Web Design, code.org units for Math and Science

High School Options

**Next Steps and Questions**

Note to Self: How will you bring CS learning opportunities to students at your school(s)?

What questions might you have?

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Thank you!

**Interim Assessments and Accessibility**

**Educational Technology Updates**

Follow me!

@sbceoedtech
All Resources Posted

http://instruction.sbceo.org

Next Meeting: December 12

Thank you!