SEATTLE PUBLIC SCHOOLS COMPUTER SCIENCE & CTE

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SPS

- History of CS in SPS
- What is CTE and why CTE as a home?
- What's next and vision for future
- TEALS
- CTE Teacher Certification
- Questions

History of CS in SPS

- IB CS at Ingraham and Sealth 2008-2009
- Garfield and Ingraham 2009-2010
- Garfield, Roosevelt, and Ingraham 2010-2011
- Garfield, Roosevelt, Cleveland, Nathan Hale, Rainier Beach, and Eckstein MS 2011-2012
- Next year adding Ballard

What is CTE & Why CTE as a Home

- Career Clusters – 16
  - http://www.careertech.org/career-technical-education/

- How CS is counted in High School for graduation credits

- Requirements for Graduation
  - http://www.k12.wa.us/GraduationRequirements/Requirement-Credits.aspx

- Politics and requirements

Building Linkages in IT Occupations Framework: For Entry Level, Technical, and Professional Careers Related to the Design, Development, Support and Management of Hardware, Software, Multimedia, and Systems Integration Services.

TEALS

- Technology Education and Literacy in Schools
  - http://tealsk12.org/
- How it works
- Volunteers / paid
- Politics – Cleveland High School, Ballard High School   l

What's next and Vision

- All High Schools
- All Middle Schools
- One Grade School

CTE Teacher Certification

- Requirements –
  - Conditional: http://www.k12.wa.us/certification/CTE/Conditional.aspx
  - Initial: http://www.k12.wa.us/certification/CTE/Initial.aspx
  - High School
    - STEM Technology (V141000) can be issued when a candidate has 6,000 hours of documented paid work experience in science, technology, engineering or mathematics and completes a CTE business and industry route program.
  - Middle School STEM
    - For STEM Technology we can use teaching for all of the required 6,000 hours. If they teach science or mathematics full time they could get about 900 hours of work experience each year. If he has been teaching for 5 years that would be 4500 hours. The remaining 1500 hours and the CTE business and industry route program could be put on a CTE Probationary certificate.
- Cost and Sample Program: http://www.southseattle.edu/programs/conted/cte.htm

Questions

- More info –
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