Putting Computing into Science

Workshop for all Grade 6-12 Teachers • Dec. 7, 2011 at the University of Regina

CSEd WEEK

"You and your students can change the world through computing! Computer science – not computer literacy – underlies most innovation today, from biotechnology to cinematography to energy and climate change." – csedweek.org website

During Computer Science Education Week (Dec. 4-10, 2011), the University of Regina Computer Science Department and Regina Catholic Schools are hosting a full-day professional development event. Topics include:

- curriculum resources and practical tools, including:
  - o CS Unplugged (http://csunplugged.org) – "Computer Science... without a Computer!"
  - o Scratch (http://scratch.mit.edu) and Build Your Own Blocks (http://byob.berkeley.edu) – programming languages that make it easy for students to create their own interactive stories, animations, games, music, and art while learning important mathematical and computational ideas.
  - o Greenfoot (http://www.greenfoot.org) – a development environment suitable for novice programmers that supports the full Java language and is especially useful for programming exercises that have a visual element.
- networking and support for computing science educators

To register ($40 fee includes CS Unplugged book, lunch, and parking), visit http://bit.ly/CSPDday, call (306)585-4633, or e-mail csta@cs.uregina.ca

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