Teaching Tip: Technology Is Not Enough

Technology, Pedagogy, Design and Research is 

Essential

At Vanier College’s 2016 PED Day, Chris Whittaker, a Physics teacher and researcher from Dawson College, spoke about how Technology Is Not Enough for successful learning to happen in our college courses. What Chris Whittaker supports is that: Technology, Pedagogy, Design and Research is Essential for students, teachers, and educational institutions to succeed. For people who attended PED Day, and for those who were not present, Chris Whittaker’s presentation is now available for viewing by clicking here.

Web Links to Phet Simulations

Chris Whittaker’s talk included several Phet simulations and videos. The links appear below.

Phet simulations: These simulations are for all the sciences, as well as mathematics.
- http://phet.colorado.edu (home page for all simulations)

Slinky Video – shown in slow motion

Chris Whittaker captured our attention with a specific video, which showed an extended slinky being released. The slow motion of the video confirms that when the top of the extended slinky is released, the bottom does not move until just before the top reaches close to the bottom of the slinky. The links to this particular video and other Veritassium videos appear below.

- https://www.youtube.com/watch?v=uiyMuHuCFo4 (page for the Awesome HD Slinky Slow-Mo video shown by Chris Whittaker)
- http://veritasium.com (the website with many videos and resources)

For further pedagogical ideas about technology, pedagogy, and design support, please contact Wilma Brown and view other Teaching Tips online on the PDO web page.

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