



NEISTE Report - September 2018

Upcoming NEISTE Webinars:

Mitigating Student Caused Damage to Devices

Eric Ogden, Scott Harken & Matt Walvatne -- Trinity3 Technology

Thursday, September 20th, 2018 at 7PM

Learn of the pitfalls that accompany a 1:1 initiative as it relates to student caused damage to devices. Find out how schools are addressing the issue and how your specific issues can be addressed.

Zoom Room: <https://zoom.us/j/932470743>

7 Critical Factors in Successful Elementary and Middle School Engineering

Projects

John Heffernan

Thursday, September 27th, 2018 at 7PM

Designery play has been identified as a fundamental component of childhood learning. However, as students enter grade one and beyond, the increasing academic focus has resulted in the loss of opportunities for designery play. At the same time, there are increasing calls to increase the number, skill, and diversity of STEM workers. The robotics based Elementary Engineering Curriculum (Heffernan, 2013) - used by students in this study - and other similar projects have the potential to increase the STEM pipeline but elementary engineering is not well-understood. The speaker researched how to teach engineering to students as their cognitive, motor, and social skills rapidly develop in elementary school.

Zoom Room: <https://zoom.us/j/877550836>

6 Minutes and Reading Growth

Jan Bryan, EdD. -- Renaissance

Tuesday, October 2nd, 2018 at 7PM

What's the difference between (a) students who start and end the school year as struggling readers, and (b) students who start out struggling but end up succeeding? Research suggests one key factor is an increase in deliberate reading practice—in some cases, as little as six additional minutes per day. Join this webinar for essential insights into how the right reading practice will lead to substantial gains in student growth. You'll explore:

- § The impact of reading on the brain—and the power of deliberate practice
- § Vocabulary acquisition and concept development across grade levels
- § Effective strategies for making time in the school day for more reading practice
- § Proven drivers of student reading growth you can implement in your district

Zoom Room: <https://zoom.us/j/812475474>

Reaching ALL Students with Mastery Learning

Chad Ostrowski, Teach Better (formerly The Grid Method)

Tuesday, October 16th, 2018 at 7PM

This interactive session will provide participants with easy to implement and practical strategies on how to develop and implement mastery learning in their classrooms using learner-paced Mastery Grids. Learn what has helped thousands of teachers increase student success and provide positive educational outcomes for their learners!

The Webinar will outline practical and easy to implement tips on the creation, implementation, and management of mastery grids and the systematic use of mastery learning in the classrooms to increase student achievement.

The presented methods will provide a system to develop targeted learning opportunities and create a student-centered classroom where students can be reached at their current level of cognitive understanding.

The scaffolding of learning progressions also creates a learning environment where extension and cross-curricular connections are more accessible and meaningful for learners when they are reached. Participants will be provided tools, information, and instruction to create and develop their own mastery grids from state and national standards.

Additional instructional strategies on monitoring student progress, facilitating student movement and intervention, as well as implementation of assessment (formative and summative) will be discussed. The result of the session will be an understanding of the research based best practices and implementation of Mastery Learning using the methods discussed. Templates, access to online resources, as well as continued support after session will be provided to all participants.

Zoom Room: <https://zoom.us/j/941488863>

Building Collaborative Learning Communities to Increase Student Engagement

Laura Thomas

Thursday, October 25th, 2018 at 7PM

Powerful learning communities don't just happen. The process of building classrooms where students take risks, do meaningful work and engage together in deep learning has to be ongoing and intentionally designed. Building collaborative learning communities requires the teacher to facilitate the group through the stages of knowledge, communication, cooperation, and collaboration while also building trust over time. Sounds like a tall order when you already have myriad other responsibilities, but the payoff is worthwhile- students who are safe enough to shine and challenged enough to take risks. In this webinar, we will explore skills and strategies for building the CLC as well why they're more necessary now than ever.

Zoom Room: <https://zoom.us/j/853845109>