

November Learning

Preparation for November Learning Workshop

Here are some online resources and questions that can help prepare for our upcoming workshop. We have selected a cross section of videos and podcasts that will help stimulate thinking and provide some models of innovation upon which we can build during our workshop. We highly recommend that all participants be given the opportunity to view one or more of these resources and respond to the questions.

- **Alan's Ted Talk January 2011 - *Students as Contributor***
<http://www.youtube.com/watch?v=ebJHzpEy4bE>
 - **Question:** What legacy do you think your students can create to make a contribution for other students or the community?
- **Myths and Opportunities: Technology in the Classroom**
<http://vimeo.com/3930740>

In this video interview, Alan compares the global knowledge of children in the 1700s with today. He also describes three myths surrounding our use of technology and learning.

- **Question:** What can schools do to make one of these myths a reality?
 1. Technology will be a great equalizer of society
 2. We will use the web for diversity of opinion
 3. Technology will make children smarter
- **Flipped Model of Learning: With Jonathan Bergmann and Aaron Sams**
<http://novemberlearning.com/flipped-model-of-learning-a-podcast-with-jonathan-bergmann-and-aaron-sams/>

In this podcast, Alan November interviews Jonathan Bergmann and Aaron Sams, chemistry teachers from Woodland Park, CO. The discussion focuses on their models of flipped learning where the traditional model of classwork and homework is reversed, leading students to a deeper understanding about the concepts being taught. With the flipped model, the teachers can talk to every student every day. In addition, Jonathan and Aaron provided us with a series of resources to share that pertain to the work they and their students are doing.

[Take part in a learning network](#) with other educators who are interested in and/or utilizing the flipped model.

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[Visit Jonathan and Aaron's Web site](#) with links to good educational videos.

- **Question:** Do you agree that providing students with immediate feedback on problem sets in class is a more logical design of learning than sending students home to do traditional homework?
- **Building Legacy with Textbook: Garth Holman and Michael Pennington**
<http://novemberlearning.com/building-legacy-within-a-textbook-with-garth-holman-and-michael-pennington/>

In this podcast, Alan November interviews Garth Holman of Beachwood Middle School in Ohio and Michael Pennington of Chardon Middle School in Ohio. These two teachers and their classes have worked collaboratively to develop a wiki-based textbook that covers the material taught in their world history classes. This textbook has grown over the past several years through the work of dozens of students as they build legacy by recording their learning in this way.

To view the work these students have done, visit <http://dgh.wikispaces.com>. To reflect on this work with Garth and Michael, you can connect with them through their blog at <http://www.teachersfortomorrow.net>.

- **Question:** Are your students creating a legacy that contributes to the learning of others? If not yet, can you imagine how you can design learning adventures where your students do create a legacy?
- **Student Scribes with Darren Kuropatwa – Part 1 of 3**
<http://novemberlearning.com/student-scribes-with-darren-kuropatwa---part-1-of-3/>

In a continuation of our series on student learning jobs, Alan speaks with Darren Kuropatwa, math teacher at [Daniel McIntyre Collegiate Institute](#) in Winnipeg, Manitoba. In the first part of this conversation, the two discuss Darren's student scribe program, its impact within his classes, how he manages them and uses them as a part of his teaching and how global publication of student work has engaged his students and enhanced his classroom.

Student Scribes with Darren Kuropatwa – Part 2 of 3
<http://novemberlearning.com/student-scribes-with-darren-kuropatwa-part-2-of-3/>

In this episode, Alan and Darren continue by talking about how this publication

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has also led to a shift of control that fundamentally changes teaching and learning. They also discuss the issues around professional development and personal development that are needed in order to build a collaborative classroom.

Student Scribes with Darren Kuropatwa – Part 3 of 3

<http://novemberlearning.com/student-scribes-with-darren-kuropatwa-part-3-of-3/>

In this final segment of Alan's conversation with Darren Kuropatwa, the discussion shifts to class work and homework assignments. Darren has some fascinating ideas about how students can demonstrate an understanding of the application of mathematics, for example, by using the camera on their cell phone to photograph patterns of trig functions.

- **Question:** Some teachers have questioned the value of the official scribe model to have a negative impact on the rest of the students paying attention in class. Other teachers, see an opportunity to use the model to give more problems in class with immediate feedback. What do you imagine would happen in your classes if you adopted an official daily scribe model?
- **Talking Student Tutorials with Eric Marcos – Part 1 of 2**
<http://novemberlearning.com/talking-student-tutorials-with-eric-marcos-part-1-of-2/>

In this episode Alan speaks to Eric Marcos, BLC presenter and middle school teacher in Santa Monica, CA. Eric explains how one individual screencast tutorial made to help a student with homework blossomed into a robust tutorial site called [MathTrain](#). Through this site, students have been empowered to create math tutorials for students in their class and around the world.

You will also learn from Eric and several of his students how this work has positively impacted everyone involved.

Talking Student Tutorials with Eric Marcos – Part 2 of 2

<http://novemberlearning.com/talking-student-tutorials-with-eric-marcos-part-2-of-2/>

In this episode, Eric, his students and Alan focus on the student created tutorials' impact on how students are learning and how Eric can evaluate problems individual students might be having. Eric also describes the skills and equipment

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that teachers would need to start a similar program in addition to new opportunities that his classes are becoming involved with through their work.

- **Question:** Shifting the design of learning solutions to students can be a major change in the culture of the classroom. Many students will claim that they would rather learn from another student than their own teacher. How much of a shift can you enable for your students to make a contribution to the learning community?