
Creating the Flipped Classroom

What is a “flipped classroom”?

The traditional definition of a flipped class involves the use of video in place of direct instruction. This then allows students to get individual time in class to work with their teacher on key learning activities. It is called the flipped class because what used to be classwork (the “lecture”) is done at home via teacher-created videos and what used to be homework (assigned problems) is now done in class.

Join **Paul Andersen, 2011 Montana Teacher of the Year**, as he describes how he uses technology to flip his classroom. Students in Paul’s AP Biology class are playing an alternate reality game called *Biohazard 5* to learn the class material. This master form of instruction is built around Moodle and uses podcasts, iPads, and Google docs extensively.



More about the presenter...

Paul Andersen has been teaching AP Biology in Montana for the last 11 years. Currently a science teacher and technology mentor at Bozeman High School, he spent the first half of his career teaching all the science classes at a small rural school in northern Montana. Paul uses technology and guided inquiry to differentiate instruction for his students. He has created more than 150 science podcasts that are viewed by his own students and AP Biology students around the world. Paul and a fellow teacher are currently planning their fourth summer trip to the Galapagos Islands with a group of AP Biology students.

*This workshop is worth
1 unit toward the
Certificate of
Teaching Enhancement.*

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information.](#)

Thursday, Sept. 29, 2011

SUB Room 233

Presentation: 4:00-5:00 p.m.

Refreshments will be served

Please RSVP to annea@montana.edu
by Wednesday, Sept. 28, 2011