

Using Instructional Videos and Mobile Technology to Flip

Your Classroom:

A Teacher's Learning Journey and Best Practice in USA

Chia-Jung Chung, Jason Rath
California State University, Sacramento, USA
Email: cchung@csus.edu

Abstract

Presenter will demonstrate the group a successful flipped social science classroom led by a teacher in the United States. The poster session will highlight this teacher's journey from the first pilot steps to flip his government and economics classes to his current best practice. The presentation will also include how to get started to flip the classrooms and the factors should be considered.

Poster Session Description

How can the access to web-based instructional videos on mobile technology help students obtain understanding and mastery of course content? This poster will focus on how a school teacher in the United States flipped his social science classroom. The poster demonstration will explore the model he develops, the best practices and lessons he has had so far and approaches that help his students learn the social science content better as well as personalize their own learning.

Session Goals and Activities

This poster session will focus on the lessons, best practices and approaches of a school teacher's flipped classroom. Participants are invited to share their current practices and ideas.

Participants will be able to:

- identify the components and strengths of a flipped classroom
- learn more about steps to make a flipped classroom beneficial for students and the technical aspects of video production for all mobile devices
- enrich their understanding of the logistics of implementing a flipped classroom

Introduction

As technology continues to evolve so does the teachers and students use of educational technology tools such as the flipped classroom model which is the use of web-based instructional videos on computers or mobile technology. The flipped classroom gives students the opportunity to watch the direct instruction as homework and then to use classroom time to actually learn the content are of study though various higher order thinking activities. As the world continues to adapt to technology so does the way that we teach students and how students use technology in the classroom. The goal of education is to get students to use critical thinking skills while solving curriculum based problems. Using the flipped classroom model lets students take charge of their learning and gives the student and teachers the ability to develop higher level thinking skills in the classroom.

Hopson et al (2002) concluded that students enrolled in the technology-enriched classrooms developed their higher level thinking skills as opposed to the students not enrolled in technology-enriched classrooms. Furthermore, the study identified