My position on the idea of using the flipped classroom technique is a great

teaching strategy for the 21st Century student. The role of the teacher is being changed

from a lecturer to becoming a guided instructor. The role of the student is being changed

from a listener to becoming a active learner. The idea of the flipped classroom is outlined

on an infographic located on the Knewton website (Strayer, 2011). The student is

learning from the online lectures and resources and they are just doing the

experimentation and independent practices in the classroom.

In the 2010 video that was hosted by the creators of the flipped classroom, which

are Aaron Sams and Jonathan Bergmann, shows how this instruction model is impacting

student learning. Aaron explains how the students would learn the background

information of the lesson from home and do the practicing part of the lesson in the

chemistry classroom. The students can even refer to the lesson that was given by Aaron

and Jonathan just by using their smart phones. It looks like that the student is learning

the topic on their own, and they can repeat the lesson if they don't understand. If the

student stills has issues learning the information that is given, they can ask through online

discussion with either the other classmates or ask the teachers to get a better perspective

of the lesson. Once the student is in the classroom, they are guided by the teacher about

the process of the lesson rather than just being lectured the lesson.

A big reason that Aaron and Jonathan developed the flipped classroom is because

they said that "many of our students missed a lot of school due to sports and activities"

(Sams and Bergmann, 2011). In the article, they were talking about how there student

were pulled out of class during the school day due to sporting events in a rural environment. It's not the same situation here on Long Island. Aaron and Jonathan needed PowerPoint as well as audio and video software for the lessons. Once the lessons were created, it was ready to be downloaded as a video file onto YouTube. This was a great source to start having screen capturing lessons, but I believe that students need other resources for the flipped classroom to work. One of the main items that are needed in order for this technique to work is that every student would need access to a computer at home. There are a lot of students that do have access to computers at home where if they are using their smart phones or home computers. There are also students who don't have access to the online lessons because they live in poverty; they don't have a computer at home. I have students that live in environments like assisted living, shelters, and some that are even homeless. The only way they can get access to that information is by going to a public library, but that would even be a difficult task since the parent/guardian would be working, or if that family doesn't even own a car. During the school day, the child would be able to go to the school library or school computer lab, but the student has a tight schedule to follow their academic school day. Other than the resources, the students would also have to participate doing the homework when learning the lessons at home.

It seems that in Prensky's article, he makes a very good point in relating to students that "They've been networked most or all of their lives. They have little patience for lectures, step by step logic, and "tell-test" instruction." (Prensky, 2001). I do agree that the flipped classroom model would effectively achieve for the digital immigrants and the digital natives to be successful in the classroom since the digital natives are used to the technologies of today. In order for this model to work, the teacher must be consistent

with using this model and the student would need both the resources and the dedication to developing half the learning process on their own time. In another articles, it points out that the flipped classroom displayed that "This is in line with the highest level of learning within Bloom's Revised Taxonomy of Learning." (Gerstein, 2011). Gerstein has a great graphic organizer outlining the step by step process of how the effect of the flipped classroom works. I do believe that the flipped classroom does emulate the use of Bloom's Taxonomy for learning and if that is incorporated with today's educational technology, then I do believe that the flipped classroom technique is a great teaching strategy for the 21st Century student.

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