Practicum in STEM Leadership

Leadership Proposal
By Daniel Lipin

Title: Reflection on introduction of 1:1 Chromebooks in the Middle School

Why I selected this topic? During my Endeavor course 'Coding, Robotics and 1:1 Devices' I read an article by Doug Johnson called 'Your 1:1 Program: Can you Answer These 10 Questions'. My school has just instituted a 1:1 device program this year and I feel as though our faculty has not collectively reflected on the positive and negative outcomes of this roll-out. My goals is to lead a discussion on the effects of the rollout of our 1:1 device program using Doug Johnson's article as a starting point.

Who is my proposed audience? I have obtained permission from the head of my middle school to lead this discussion with the entire middle school faculty during one of our bi-weekly meetings. There will be approximately 30-32 teachers at the meeting, who teach all subjects to grades 5-8. My middle school has 240 students.

What "general" science or mathematics concepts or learning goals will I and my materials address which can potentially replace other classroom activities? My goal for this PD session will be that the faculty collectively generate a table with three columns: Positive outcomes resulting from the 1:1 device system, Challenges that impede learning caused by the 1:1 system and Practical solutions to these challenges. It is my hope that this table will help faculty improve their management of the 1:1 device system in their classrooms to improve the learning experience for their students. Right now, I feel as though everyone is facing the challenges of managing this roll-out by themselves, and we need a discussion to help each other do better in this area.

How and where do I intend to carry out your PD? During a bi-weekly faculty meeting. *How long will the session be?* Approximately 1 hour. *When will it be held?* Sometime in march. Date has yet to be finalized. *Will teachers have access to computers?* Yes, although they will not need them.

What outcomes or expectation do you I to see for my educators? See my previous answers for my goals for the session.

How will I follow up with the teachers in attendance? Teachers that attend my session will be asked to complete a Google Form where they will provide feedback. This will include questions that require grading on a 1-5 scale such as "I found this session to be useful to improve the learning experience for

my students". It will also give spaces for teachers to qualitatively reflect on my performance.