

FINAL REPORT: HADLEY/PWHS “HOW-TO VIDEO PROJECT” PDIG 12869

1. Project Description: Describe/show to what degree the project was carried out as planned. Include what went well and what proved to be a challenge. Include a synthesis of your journal entries.

WHAT WENT WELL:

Our math how-to video project has been our most productive and effective PDIG to date. Project participants were so motivated to have videos ready to go for each unit that we made the most of our release days. Most effective PDIG because of the feedback students, parents and colleagues. This positive feedback may be the reason we worked to well. Another major benefit has been in the production of videos, we have improved our skills and the quality of the videos. They are still short and to the point but the quality of the videos, the titles, transitions, etc. all improved as we learned from each other as well as new apps/technologies.

EVEN BETTER IF:

Our biggest challenge this year was finding a location to meet, a quiet room for filming was really difficult some days... this is a concern that we have shared with administration and with an increasing enrolment in the next couple of years we will have to be creative or find an alternate location, like at our school board or another off-site location.

JOURNAL ENTRY SYNTHESIS:

Each of our release days followed a very similar routing, we would start with a check in round table. Each participant would share their ideas/successes/struggles, it was a nice way to help/support each other. We always discussed how the videos were being used, how could we make them better and also brainstormed ideas for next steps in order to keep improving our programs. Many times we shared apps/tricks to help with video production or editing.

After the project check in we would break off and worked on videos for that day.

We always ate lunch together, brought and shared snacks and of course discussed the project... At the end of each day of release we would get back together and write up the journal entry for that day, how many videos created, a team meeting and a discussion about the project as a whole and came up with an idea for a project for next school year.

2. Project Goals: Describe/show to what degree the goals of the approved project were met. If the goals were only partially met or not met at all, describe the reasons for this.

Our project this year was very successful, all teachers were able to create videos for almost every concept/topic in their programs. No one managed 100% because we were done our project in April and had more topics to cover. As a group we agreed we would try to add in topics that we missed. For example, in grade 8 math, we have 9 units, we had managed 6 of the 9 unit's on PDIG release

days. We added in videos for unit 7 and 8, hopefully we can get a couple of probability [our last unit] videos done before exams so they are there for students to use as review/exam prep.

3. Project Outcomes: Describe/show the gains that the participating teachers achieved through this project.

By participating in this project, our math teachers were able to improve their curriculum maps, new teachers to a program became more familiar with the content to be covered. Every participant became more knowledgeable on how to make short topic specific videos, skills were learned and shared throughout the project. The professional dialogue that was ongoing throughout our department was a wonderful addition. The sharing of skills, knowledge, experience, tips/tricks was pretty endless... the supportive nature of our math department has been enhanced so much. The collaborative work that was present throughout and still continues is so motivating. As good as we all feel about the results of our 'math how-to videos' we know the real benefits of this project can be found in the students using these resources. This project has truly enhanced the teaching and learning of mathematics in our junior and senior high schools.

4. Reinvestment: Clearly describe how the resources created and/or the learning achieved by the participants can be of benefit to the educational community at large. If applicable, comment on whether or not this project should be carried out by other teams and if so, how it could be improved.

The resources we created were all placed on our individual or team YouTube channels. Then links to each video were put on our web pages for students/parents to access. We have shared our project with colleagues from other schools and our math consultant who has shared our resources.

This project idea could help not only math teachers but teachers of any content subject to help them bring the material to individuals as they need it. We wanted to reach a variety of students, such as students missing classes due to illness, holidays, sports, etc. When a student misses school and wants to catch up, they tend to struggle to do the work because they miss the lesson, the new skill, or the important steps to solve a question/problem. The how-to videos help students learn, re-learn, reach ahead or even catch up on important class work in order to help them be more successful in math.

In every subject there are students who need support, creating how-to videos could help supplement the learning across all subjects.