

Scott Gordon

1. What is the title of your leadership project?

A Curmudgeon's Guide to Years Zero and One the New Standards

2. Which option did you choose and why did you select the option/topic? Who is your proposed audience?

I chose to do the professional development. Is targeted to take place at a staff meeting for other members of the department.

3. Which teachers will you serve with your PD and activities?

There are a lot of veteran teachers with 20 plus years of experience on my staff. Previous Professional developments have not gone well, with many of my colleagues citing that they were waiting for the new assessments to be released period since assessments have been released, we have not had any other outside professional development outside of a few sales pitches. I think hearing some suggestions from someone that they know may prove more fruitful than previous attempts in the past.

4. What grades, subjects, and how many students do they teach?

These veteran teachers are physics, Earth science, and biology. Our science classes are kept at 24 students, and most of them have between 18 and 22 students. The grade level would range between 9th grade and 12th graders. The professional development would primarily focus on teaching courses that terminate in the new regents exam.

5. How will your project demonstrate integration of STEM in the classroom?

The Presentation will begin with an outline how to translate the new standards, explaining the role that CCC's and SEP's have in not only relaying content but as framing devices in assessment. We then move on to discussion on how use preexisting tools to help push instruction into these areas, as well as how to make time for them in instructional periods. These tools include claim evidence reasoning labs, POGILS, and NASA/NOAA Scijinks phenomena and data sets.

6. What outcomes or expectations do you hope to see for your educators

Projected outcomes would be (hopefully) a big sigh of relief, as well as providing our physical science instructors with first steps towards redesigning curricula. Biology has done a good job in my district of making changes for this year's assessments, although Earth science and physics have not begun the process. I think giving them a starting point that is attainable will help these teachers better plan for next year, as well as used this year as a bit of a developmental group to see which strategies work and don't before it truly matters next year.