

The purpose of professional development is to improve student learning. What specific changes will you make in your practice as a result of this learning opportunity?

Suggestions for future professional development topics and/or ideas to support your further learning on this topic or other topic.

Workshop Name: Lesson Examining Assessment Practice
Workshop Code: 09-SC-217
of Participants: 4
Speaker: Dan Leskiw
Date: November 3, 2008

- More focus on POS and making sure I don't over-assess some outcomes.
- Try not to worry so much about preparing for high school or PATs
- Use practices in my own classes by changing how I assess daily work and using more comments on my students work
- Clear targets
- Matching curriculum to assessment practices

- Same course for jr. high (x3)
- Cross-curricular assessment at the jr. high level
- What to do when a topic does not seem clear to students
- Look at what excellence means compared to proficient

Workshop Name: Science Gizmos-Interactive Computer Simulations
Workshop Code: 09-SC-296
of Participants: 12
Speaker: Janet Bell
Date: December 4, 2008

- Use the gizmos at appropriate times during lessons to enhance student comprehension (x3)
- Use as much technology in the classroom to engage students as I can (x2)
- Incorporate with Science 10 materials and SMART Board
- Finding visuals and computer activities to enhance jr high science concepts
- Differentiate for student learning preferences
- Increase use of multimedia
- Use simulations to replace drawings, notes, etc.

- Gizmo extension-use in the classroom
- Gizmos for math
- Application, not just looking at use (x2)
- Incorporation with SMART Board
- Science topics for higher level science at grade 12 level
- More ways to enhance assessment for learning
- Creating online quizzes for students
- More lesson design incorporating gizmos
- How to incorporate these into powerpoint (x2)

Workshop Name: Overview of the Chemistry 30 Program Changes and Exam Redesign
Workshop Code: 09-SC-339
of Participants: 15
Speaker: Kathryn O'Grady-Morris
Date: December 15, 2008

- Nice to have a heads-up of all the changes prior to the exam
- In rural schools one teacher often teaches all chemistry, physics and biology.
- It will help me focus students on intended and testable learner outcomes (x12).
- I will ensure that certain topics are covered in greater detail. Standards expected a diploma exam writing was beneficial.
- Incorporate more emphasis on the specifics of scientific communication.

- Exam/question marking workshop with diploma style questions. Exam/evaluation development workshop.
- This should be offered yearly to teachers that are new to a subject.
- Chemistry 30 collaboration, unit exam making.
- A session regarding how the 1st Chemistry 30 diploma went.

Workshop Name: Overview of the Physics 30 Program Changes and Exam Redesign
Workshop Code: 09-SC-348
of Participants: 12
Speaker: Jeff Goldie
Date: December 15, 2008

- To direct students as to how the written response questions are scored and the topics upon which they are based (x6).
- The focus of the expectations has shifted and makes the clarification of the outcomes much clearer.
- Direction in planning for next term.
- I will be able to grade my Physics 30 students using the same rubrics as the exam markers.

- We have “one” released exam. We need more to be effective.
- Workshops on exam design and development of classroom assessments.

Workshop Name: Get SMART with Grade 7-9 Math & Science
Workshop Code: 09-SC-290
of Participants: 18
Speaker: Janet Bell
Date: January 9, 2009

- Use the smartboard more with my classes (x6)
- More hands-on technology in the class
- More time to develop lessons (x2)
- Incorporate more graphic techniques and links to my lessons
- Engaging student interest in the topics of study (x3)
- Using interactive web sites

- Continue to offer sessions like this one
- Lesson building and sharing

- PD in making lessons specific to subject & divisions
- A day to develop lessons using the technology with curricular groups (x3)
- Collaboration (x2)
- Build resources we can take back to class

Workshop Name: Examining Assessment Practice in High School Science Workshop

Code: 09-SC-295

of Participants: 23

Speaker: Dan Leskiw

Date: January 30, 2009

- Try to increase my use of formative assessment, especially using comments as a way to increase understanding. (x6)
- Very few changes as this is an approach I use but I can use some of the language/examples with more reluctant staff to help them move in this direction.
- More carefully examine my directing words on my assessment. Directing words dictate what answers are acceptable.
- Making student led rubrics for projects. Peer assessing other student's answers. Word questions carefully.
- Think about questioning. Also try the comment only assessment.
- I will use the performance task created in class next week.
- I will use backwards design more directly in my planning and work on my questioning.
- More comments and ask more questions. (x2)
- Great ideas for implementing comment directed assessments rather than grades.
- Extra labs, coaching and formative assessments.

- Sharing of hands on or performance based assessments.
- Show examples of "comment" based assessment to show the reluctant teachers what it looks like.
- Having lessons emailed back is a fantastic idea.
- Assessing writing in Science. More examples of inquiry (across units).
- More ideas for formative assessment.
- Change nothing.
- Group PD courses where teachers, using their curriculum, could come together to develop assessment activities.

Workshop Name: Science Gizmos – Ready to Use, Interactive Computer Based Simulations for Your Classroom

Workshop Code: 09-SC-380

of Participants: 14

Speaker: Janet Bell & Kelly Rowswell

Date: March 10, 2009

- Hyperlinks in my powerpoints, interactive sites for students to use while preparing for exams.
- I will be able to use technology more now with the students, and they will have access to more hands-on activities.
- I will use more simulations in my instruction.
- Use technology in my classroom. (2)
- Excellent resources that will be incorporated into lesson planning.
- Made me more aware of what's available to use in class.

- More of the same.
- More of these practical sessions on technology.

Workshop Name: Science Gizmos – Ready to Use, Interactive Computer Based Simulations for Your Classroom

Workshop Code: 09-SC-381

of Participants: 12

Speaker: Janet Bell

Date: April 20, 2009

- I will be taking my students to the computer Lab much more often, to do many of the gizmos I learned about today.
- I will be able to use these gizmos to enhance a concept in a different way
- These gizmos will help me to incorporate more variety into my lessons.
- Will help me to use incorporate more technology.(x2)
- These gizmos will help to add more interactive/ hands on activities into my science classes.(x4)

- Would like to see gizmos for other subjects ex) Social studies, math, L.A. (x2)
- Would love to see how to make shockwave or flash animations myself.
- A combination of smart boards and gizmo use.
- Technology doesn't always work-you had a backup plan that occupied some of the time.

Workshop Name: Get SMART with Grade 7-9 Math & Science

Workshop Code: 09-SC-302

of Participants: 18

Speaker: Janet Bell

Date: May 12, 2009

- I will end up doing review games, to help keep the kids attention.
- I will make my lessons more interactive.(x2)
- I will try to use the real world math websites in my class, or for challenge projects.
- I will incorporate dual page lessons.
- I am excited to use this tool to breakdown the walls of learning and get more interactive with my students! (x2)
- This will help me not only with math and science but in other subjects as well

- Keep repeating these sessions!
- Have a two day session- the first day to learn, the second day to create a lesson.
- More direct lesson development using the smartboard.
- More advanced sessions.
- Have a purely math specific course using smartboard.(x3)