**Chemistry Networking Session**

**Robinson Secondary School**

**Tuesday, January 13, 2015**

8:30AM-1:30PM

Session Agenda:

8:30–8:45 Introductions

8:45–10:00 Internal Assessment

* Breakdown of New Internal Assessment
* Group 4 Project – how does your school do it/ideas for grouping and grading
* New Individual Assessment Investigation – list of prompts/topics to help guide students
* Required Labs – ideas for specific activities to meet requirements
* Balance of IA Hours

10:00–10:15 Break

10:15–11:30 External Assessment

* Breakdown of New External Assessment/Content
* Discussion of how external assessments are prepared/preparation of exam questions
* Discussion of how external assessments are marked by examiners

11:30–12:00 Lunch

12:00–1:30 Networking Session

* Sharing materials and ideas

Session Minutes/Discussion Notes, continued

* Changes to G4
  + Students write reflective statements to be included w/IA
  + Personal skills will no longer be included in the new IA
* Changes to IA
  + Can’t double dip w/EE, multiple sciences, etc.
    - Will this decrease the numbers of students taking multiple sciences?
  + Guiding students to choose appropriate questions (HL/SL “level” questions)
  + Ideas for modifying current HL/SL lab program to incorporate new IA
    - Shorten current labs by having student groups divide up levels of the IV or trials and compile results for class set of data so there will still be sufficient data for processing without each group having to collect all data on their own
  + Balancing the new IA w/other IA requirements for other IB courses (was never an issue in science before)
  + PSOW will be submitted for the course, not individual students

Session Minutes/Discussion Notes, continued

* IA Ideas
  + i.e. Still can do a rate lab and then allow students to design another rate lab (as long as it’s different it’s OK to teach them how to do the lab first)
* Mandated Labs
  + Most of us are probably doing all (most) of these already
  + Data-based question on exam will be the same for SL & HL exams
* Share out ideas for dividing course content over 2 years
* External Assessment
  + All topics are now fair game for all objectives (levels of questioning)
  + All topics will be covered on Paper 2
  + No Parts A & B to allow student choice on Paper 2—all questions are required
  + Paper 3
    - Section A – Data-based question (data processing & experimental work)
      * Relates to required labs
    - Section B
      * Short answer & extended response from 1 option
      * Will include related core material! Can no longer ignore core material on Day 2 of testing
  + Nature of science will be tested, too.
    - Probably safe to give it minimal attention in class
  + Right column of the guide
    - Good information to have/know/teach but will not be tested
  + Each option has 4 strands
    - Quantitative
    - Analytical
    - Organic
    - Environmental
* New Textbook Options
  + Pearson-Baccalaureate
    - Everything is available online which is helpful
    - Easy for kids to read/use
* Reflections from an Examiner
  + Tell students not to write outside of the box!!
    - Write a note in the box “see attached sheet” to tell the examiner to look at the extra pages
  + Use a normal pen—nothing that can bleed through
  + Write darker—the papers get scanned and lighter writing doesn’t show up as well
  + Discussed other common mistakes, pitfalls, etc. when answering exam questions
* Sharing Ideas
  + What works/doesn’t work for IAs, common ways we get marked down, how to prepare samples for moderation, etc.