

Mastery & Self-pacing with Moodle

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Mastery Learning in my class:

- Quizzes are used entirely as formative assessment (0% of mark)
- Quizzes are viewed as learning tools, not assessment tools
- Students can use whatever they need (textbook, notes, friends, mommy, internet) to help them on their quizzes. I advocate that they don't get additional help to get an accurate understanding of what they know and what they don't.
- Students 'must' achieve 70% or greater on my unit quizzes
 - o If a student gets greater than 70% they move ahead in course
 - o If a student gets less than 70% they receive remediation
 - They touch base with me
 - They make quiz corrections in journal
 - I may give extra assignment
 - They reattempt quiz



Self-Pacing in my class:

- Each unit we have a test deadline
- Students can write their test anytime before the test deadline, students who are not ready must come to tutorials until ready.
- Students have a package that gives them a list of work they need to complete in a unit
- Students are at different places in a given unit
 - o Approximately 80% stay together, 10% behind, 10% ahead
- Students learn to take responsibility of learning...and some don't!

- If a student wants to go ahead they can, unit packages / lessons / quizzes / tests are all available
- Students could finish my course early and begin next course or other...



Moodle *(how to Moodle videos available at www.youtube.com/mathjohnson)*

- LMS that is supported by SD #23
- Complies with FOIPA
- I have created a testbank with roughly 1500 questions for each of my courses
 - o Sorted by learning outcomes and difficulty level
 - o Questions we created by using commercial testbanks, past provincial exams, textbooks, and my own questions
 - o Multiple choice and numeric response questions
- Allows me to create a different quiz or test for every student yet control for difficulty
- Easy to generate retests (quizzes)
- Students get immediate feedback
- Students can write their quizzes anytime / anywhere
- Moodle works on any PED
- Quizzes are timed otherwise students will take an infinite amount!



My Assessment Strategy

- Quizzes = 0%, Test = 100%
- Students can re-write their tests and quizzes
 - o In order to re-write a test they must complete steps of my re-test policy
 - o I take the most recent test score...kind of...
- Students must earn their unit test in my class
 - o All quizzes 'must' be > 70%
 - o Quiz corrections 'must' be completed
 - o Journals 'must' be completed
 - o If above is finished students take HOT SEAT!