

Best practices for teaching Math – Spring 2013 Flex Day

- Applied Tutoring - coordinate with Mike to get AT in your class this semester.
- Learn Names – pictures, in groups, or class wide, learn everyone's name and how to say it correctly
- Show Me On Your Fingers – use a five point scale or thumbs up/ thumbs down to quickly gauge student comfort level with a topic
- Paper problems
- Deliberate errors
- Using MML and replace HW question time with group work
- Pencil's down
- Math aside
- Real world aps/ car loans cell bills etc.
- Sticky notes for unit conversions
- Notebooks
- For review sessions "Come with questions, leave with Answers"
- Use data from current events whenever possible
- Students create & share practice tests/ grade each other's
- Introducing new concepts with a story – humanize the math
- Get them excited for math on day one!
- Attwood's Machine
- Birthday problem

- Parking ticket vs. paying the meter
- One little minus signs could cost you \$8K
- Write papers on historical math figures or how math is used in certain fields
- Pull problems from statistics, physics, chemistry, trigonometry, pharmacology
- Treasure hunt
- Sports stats
- Wait to answer – delay (write all given answers on board or raise your hand if you can tell me)
- Break up class into short blocks, alternating lecture with activity