Active Learning is the Hook

Developing Information Literacy Dispositions in First-Year Calculus

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“Learn by Doing” Assignments

- Math Autobiography
- The 5 Elements of Effective Thinking Reading Reflections
- Productive Failure (#PF)
- It’s Okay to Be Stuck!
- Looking Back Reflection
- Library Resources 1: “The Kennedy Library has a portfolio of support programs to help students succeed. In this assignment, you will focus on collaborative study spaces at the library. Visit the library and learn how to reserve a “fishbowl.” Form a study group of classmates from your section of Math 141. Your group must reserve a “fishbowl” with 2-4 other classmates for at least 1 hour.”
- Library Resources 2: “The purpose of this assignment is to use the Mathematics section of the library to learn about the resources available to you related to this course. Part 2 is to study with a group of students from Math 141, as you did in the first library resources assignment.”
- Library Resources 3: “The purpose of this LBD assignment is help you become aware of a research process that goes beyond simple internet searches, adding library databases to find sources of information that may not be captured by a simple internet search.”

Resources
