

1145-VI-1533      **Manyiu Tse\*** ([mtse@molloy.edu](mailto:mtse@molloy.edu)), Molloy College, Math and Computer Studies Department,  
1000 Hempstead Avenue, Rockville Centre, NY 11570. *Teaching Using Non-Traditional  
Styles*. Preliminary report.

There has been much research discussing the advantages of non-traditional pedagogical approaches in teaching mathematics. From flipped classroom to guided discovery, the goal is to stimulate discussion, inquiry and exploration of mathematics. But do the methods really work, that is, do they show a statistically significant effect? We will explore and discuss two methodologies: learning through error analysis in Pre-Calculus and the use of Python in Discrete Mathematics. (Received September 23, 2018)