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Michael S. Gagliardo* (mgaglia@ju.edu), Division of Science and Mathematics, Jacksonville University, 2800 University BLVD N., Jacksonville, FL 32211. *Comparison of Student Performance between Inquiry Based Learning and Lecture Methods when Teaching Induction*. Preliminary report.

In the Spring of 2010, I taught our introduction to proofs class using a fully inquiry based technique. Final exams scores from common questions on mathematical induction were compared. One of the classes was taught using a lecture method while the other was taught using an inquiry based method. This talk will discuss the results. (Received September 17, 2010)