

1125-A5-520

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So Little (Written) Homework, So Much Accomplished. Preliminary report.

The author presents a homework arrangement as part of a flipped classroom in discrete math. What students are required to do after class include: (1) reviewing the lesson and prepare for quiz, (2) previewing for next lesson by reading an e-textbook and completing (rather simple) online exercises, and (3) keeping notes on the preview reading. He discusses his instructional goals and how this homework arrangement helps meet these goals. He then presents the result of using this design: improved learning outcomes, excellent learning experience and reduced study hours and stress on students. (Received September 05, 2016)