

1086-F1-1097 **Martin E Flashman*** (flashman@humboldt.edu), Department of Mathematics, Humboldt State University, Arcata, CA 95521. *The Benefits of A Habit: Examining Evidence to Understand Statements and Proofs*. Preliminary report.

After having taught bridge courses with many different texts and organizations, the author has evolved an approach that recognizes that students can benefit in their first steps in composing a proof by developing a habit of examining evidence to understand the problem before attempting to plan a proof. The author will provide examples and clarification of how developing this habit has changed his approach both in and out of the class room. This work is based in part on Daniel Solow's texts "The Keys to Advanced Mathematics..." and "How To Read and Do Proofs" as well as G. Polya's classic, "How To Solve It." (Received September 18, 2012)