Antonia E. Cardwell* (antonia.cardwell@millersville.edu), Department of Mathematics, Millersville University of Pennsylvania, P. O. Box 1002, Millersville, PA 17551. Use of a “Connections Journal” in an undergraduate Real Analysis course.

In an introductory course in Real Analysis, it frequently occurs that the same concept is introduced in different contexts, or that objects that initially appear different are given the same name. To encourage the student to consider why this occurs, and how the topics across the course are related, I introduced a weekly “Connections Journal” in my “Introduction to Real Analysis” course. I will present a description of the project, provide examples of student submissions, and present the results of an informal survey conducted upon the completion of the course. (Received September 13, 2011)