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Corrine H Taylor* (ctaylor1@wellesley.edu), 106 Central Street, Wellesley, MA 02482. *The Role of QL in the High School Mathematics Curriculum: What Students Need to Know to Be College Ready.*

High school teachers who have attended my professional development workshops on quantitative reasoning over the last four years have been surprised to learn what QR skills are expected of incoming first year college students - surprised both by certain practical math topics that are fundamental in introductory economics and science courses yet are minimally presented or are absent from the typical high school math curriculum, and by topics that are universally present in high school math curricula but are rarely understood to a sufficient degree by entering college students. In this session I draw on my ten years of teaching QR at Wellesley College and on the experiences of the high school teachers who have taken my workshops and then subsequently infused a QR approach in their mathematics teachings. (Received September 22, 2010)