Abstract: The Association of Mathematics Teacher Educators advocates for well-prepared beginning teachers of mathematics to “possess robust knowledge of mathematical and statistical concepts that underlie what they encounter in teaching” and “have solid and flexible knowledge of relevant mathematical concepts and procedures from the high school curriculum, including connections to material that comes before and after high school mathematics.” The MAA META Math project (maa.org/meta-math) addresses these connections by creating curriculum material for standard mathematics major courses taken by pre-service secondary teachers. These materials have been designed from the stance that teaching is an application of mathematics on par with traditional application areas like engineering, economics, and life sciences, which have always been featured in the study of undergraduate mathematics. In this talk, I will give a brief overview of the META Math project and invite audience members to explore two calculus lessons that highlight the features of the materials we have developed.