Teaching introductory-level mathematics in an online environment can be very challenging and is often associated with low student engagement. This is especially true for teaching a class for non-mathematics majors, who need additional support and encouragement to stay motivated throughout the semester. Given the absence of face-to-face interaction with the instructor in the online environment, there is a great need to utilize various learning techniques and platforms in order to effectively keep students self-motivated throughout the semester. In this presentation, I will address both the set-up and the scaffolding of lessons for an online Precalculus class for business and life-science students, as well as the unique challenges that arise from teaching this class in the online environment. I will also present some of the solutions implemented to overcome these challenges and meet the learning outcomes for the class. Finally, I will highlight the use of various tools and platforms such as Flipgrid, Edpuzzle and Remind in my class to ensure that students actively engage with the material each week. (Received September 16, 2019)