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Suzanne Dorée* (doree@augsborg.edu), **Tracy Bibelnieks** and **Jody Sorensen**. *Learning New Tricks: Leveraging Google Apps to Teach Inquiry-Based Discrete Mathematics.*

Like many of our colleagues nationally, in Fall 2020 we converted our Discrete Mathematics courses to online delivery. To maintain a similar look-and-feel with our in-person classes, we opted to teach synchronously over Zoom. We used a combination of Google Apps, especially Jamboards and Slides, integrated with our LMS (Moodle) to provide environments for students to actively collaborate in Zoom Breakout Rooms during class. We used Google Drive to share course materials across three similar courses at two different institutions – Discrete Math Structures (intro to proofs level for math majors), Discrete Math for Computing (lower level, for MIS and CS majors), and a larger enrollment Discrete Math (for math and CS). We used Google appointments to schedule office hours and study groups used Google Hangouts to meet. One advantage of these products was that they were immediately available free of charge to our students and compatible across platforms, and with Chromebooks. In this presentation we share some lessons we learned that saved us time, some challenges that remain, and feedback from students on their experiences. (Received September 15, 2020)