The purpose of this study was to determine how participation in a Community of Practice impacted technology teacher leadership and technology integration practice. Participants in the study included 31 teachers enrolled in an Innovative Teacher Leaders (ITL) program. The researcher learned about this community through participant observations, the collection of monthly self-reports, and semi-structured interviews. Additionally, a survey was administered to collect data on Teacher Efficacy and Teacher Leadership. Findings of this study pointed to the need for time to practice, implementation support, and peer coaching/discourse as necessary factors for successful professional development. Participation in this hybrid CoP was found to have a positive impact on teacher technology integration and technology leadership ability.