An immersive summer program has the capacity to quickly create a group culture through shared experiences, projects, and challenges. The Girls Tinker Academy, a two-week summer program for 24 middle school girls in Sonoma County, sought to do just that as an effort to close the gender gap in the mathematical sciences by helping girls see themselves as members of a community of makers and doers of mathematics. The program took place in a makerspace and provided girls with opportunities to explore their own design interests, empowering them to build and create from what inspired them. A team of female mentors and techs also assisted girls along the way by forming relationships that continued to blossom outside of the program. In this talk, I will share some of the unique qualities of the program and present takeaways from the girls themselves. (Received September 16, 2019)