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Exploring and experimenting with the mathematics of classical labyrinths

This presentation and hands-on workshop will give participants the chance to experiment with the little-known mathematics of labyrinths. After an introduction that contextualizes the Restorying Math project and something of the history of labyrinths, participants will be able to explore variations in labyrinths based on their 'seed' diagrams. We will work on small and medium embodied scales, using paper-and-pencil and whiteboards, and then at a large scale, making, walking and dancing the labyrinth we create in the extended post-talk workshop. There will be opportunities to reflect on our own processes of experimentation and exploration, and discuss how this might contribute to pedagogical design in our teaching.

Note that the large scale labyrinth making will take place in an extended hour-long workshop immediately following the 30 minute talk.